Over 100 Sewing Kits
to Choose From

frostline® kits

The Kit People

Fall-Winter 1977

DECORATOR COMFORTERS NEW FOR FALL '77

Compare these new comforter kits with the finest ready-mades available. **Luxurious** non-slip Trynl fabric eliminates the need for a bedspread. Bedmaking is reduced to a simple fluff of your FROSTLINE comforter each morning. Instructions include 6 quilt-pattern options, or use your imagination and create your own quilt-pattern design. **Reversible** color-coordinated shell fabric and contrasting thread. Insulation is prime northern goose down or 50/50 down-feather mix (see p. 19).

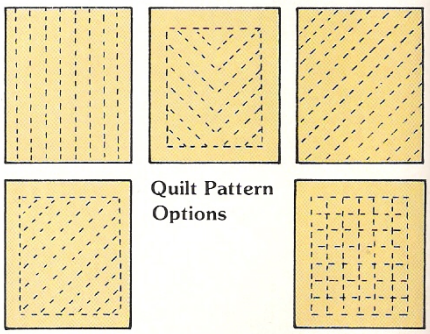
You can **save energy** this winter by turning your thermostat down and sleeping in total comfort under the constant, **natural temperature** of your FROSTLINE comforter. Priced to save you 30%-50% over comparable ready-made comforters. Average thickness: 1-1/2". *Colors: Reversible, Beige/Brown or Light Blue/Medium Blue.*

DECORATOR COMFORTERS (DOWN)

	Finished Size	Total Weight	Cat. No.	Price
Twin 3	70" x 80"	2lb. 8oz.	S96T	58.95
Double 4	80" x 84"	3lb. 5oz.	S97D	71.95
Queen 5	90" x 94"	3lb. 14oz.	S98Q	88.95
King 5	98" x 96"	4lb. 4oz.	S99K	96.95

(DOWN/FEATHER MIX)

	Twin 3	Double 4	Queen 5	King 5
Cat. No.	S55T	S56D	S57Q	S58K
Price	45.95	53.95	68.95	72.95



Quilt Pattern Options

Front cover photograph by Mike Romine, Steamboat Springs, Colorado.

WHAT ARE FROSTLINE KITS?

FROSTLINE kits are money-saving* **sew-it-yourself outdoor equipment** kits that come with everything you need to put together the finest outdoor clothing and camping gear on the market. You'll **save from 30%-50%** over the comparable ready-made price. There are no patterns. All cloth parts are pre-cut with precision for easy construction. We even include the thread! **All you need is a home sewing machine.** Our detailed instructions are designed so that even junior high school students, who have never sewn before, are making FROSTLINE kits as classroom sewing projects!

WHY BUY FROSTLINE

The best way to answer that is to ask someone who has already made one. They will tell you that the materials, design and features of FROSTLINE Kits are equal or superior to any ready-made item on the market! **Edge searing** is a good example of the kind of **quality you build into every FROSTLINE kit.** Few factories can take the time to sear the edges of each individual piece of cloth to ensure it won't ravel apart after construction. So, FROSTLINE instructions have you do just that as a first step.

Double stitching seams and **reinforcing points of stress** (time consuming steps for ready-made manufacturers) are all part of the quality you can build into your FROSTLINE equipment. Not only can you get better quality by making your own equipment and clothing, but you will **save from 30%-50%** over the ready-made price. It's **YOUR labor, YOU build in the quality. YOU save the money. IT'S AS SIMPLE AS THAT!**

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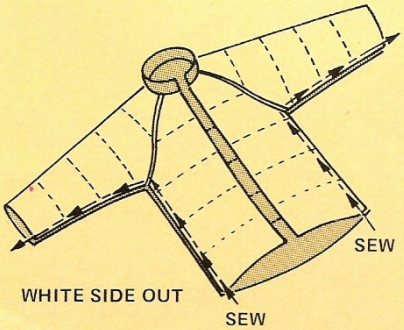
STEP-BY-STEP INSTRUCTIONS

Each step in the construction of a FROSTLINE kit is **carefully illustrated.** Our instructions are **written for the novice sewer.** No prior sewing experience is necessary — just follow our step-by-step instructions. **Note to the experienced sewer:** The construction of outdoor equipment and clothing is unlike the more common sewing projects (i.e. shirts, tops, dresses, etc. . .) so . . . remember to **follow our instructions step-by-step** and we'll guarantee successful results!

(17) Again fold assembly right (lining) sides together, match shoulder seams at underarms, match edge slits and stitch both underarm seams, from bottom edge of jacket to ends of sleeves.



OUR DOWN FILLING METHOD

As FROSTLINE is the **Original Kit Maker** in outdoor clothing and equipment, you can be sure that we have investigated a wide variety of methods for filling our clothing and sleeping bags with **prime northern goose down.**

Our packet has a flip-top closure that makes filling **easy** and **completely safe. (No undissolved plastic** can stay in the compartment with our down.)

To insulate FROSTLINE clothing or sleeping bags, simply choose the numbered packet (as indicated in your instruction booklet) and:

- **Open flip-top at one end**
- **Insert packet into compartment**
- **Push . . . turning packet inside out (depositing down)**
- **Withdraw empty packet**

That's all there is to it!

* "FROSTLINE" is a registered trademark of FROSTLINE, Inc.

INSULATORS . . .
WHICH ONE IS RIGHT FOR YOU?

Throughout this catalog you will find many products available with more than one type of insulation. Whenever a choice of insulators is offered, equal thickness (loft) has been maintained, to assure equivalent warmth. At FROSTLINE, we want to provide our customers with the widest possible selection of high quality insulators.

Please take a moment to familiarize yourself with each one, so that you will be able to select the insulator that best suits your needs.

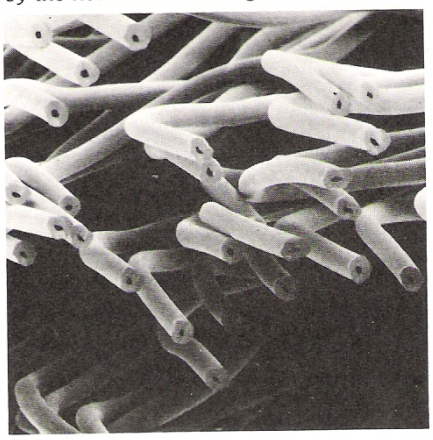
A. PRIME NORTHERN GOOSE DOWN

If you need the **ultimate** in: 1) lightness, 2) compressibility, 3) recovery after compression, and 4) durability, nothing other than goose down will do. In short, if you're looking for a down **equivalent,** there isn't one! At FROSTLINE, we use high quality goose down with a minimum fill power of 550 cu. in. per ounce. We invite comparison.

Note:
There are many different types of polyester insulators available. After careful consideration we have selected Celanese PolarGuard® and DuPont Hollofil™ II, which we believe are the finest synthetic insulators for outdoor clothing and equipment.

B. DUPONT HOLLOFIL™ II

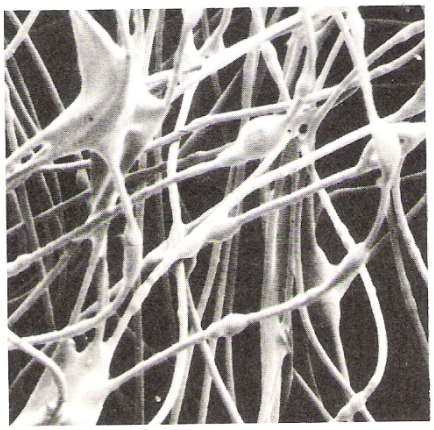
DuPont Dacron® Hollofil™ II is DuPont's best polyester insulator. It is a hollow-core, short-staple fiber. Because of the short fibers and special finish, Hollofil™ II has a **remarkable "down-like" feel.** In addition, the unique finishing process stabilizes the short fibers for easy handling by the home sewer during construction.



However, because of the short fibers, it must be compartmentalized (quilted) like down, to prevent shifting during use. Like other synthetics, it is non-allergenic, fast drying, and washable. We recommend Hollofil™ II for general use apparel as well as for wet-weather campers and backpackers.

C. POLARGUARD®

Celanese PolarGuard® polyester insulation is a solid-core, continuous filament insulator that is slightly heavier than Hollofil™ II, but **requires only minimum quilting** to prevent shifting of insulation. We offer PolarGuard in our smooth outer shell clothing and Nimbus Sleeping Bag. Like Hollofil™ II,



PolarGuard is non-allergenic, fast drying, and washable. We recommend it for general use apparel where minimum quilting is desirable, as well as for wet-weather campers and backpackers.

OUR FULL UNCONDITIONAL WARRANTY

FROSTLINE Kits are warranted to be of the quality and performance standards we claim. While we can't sew your kit for you, our Customer Service Department will assist you with any difficulty you may have. If you are not fully satisfied, just return the kit with proof of purchase and we will exchange it or refund your money, at your option. If you find a defective part, upon returning it to us for our examination, we will remedy the defect free of charge, and pay any return shipping costs.

SIMPLY STATED

You're **never stuck** with a FROSTLINE kit. Kits may be returned for a **full refund** before, during or after construction. Your satisfaction is guaranteed.

Dale Johnson
President

FIRST TIME KITS

A good way to introduce yourself to THE FROSTLINE kit idea is with one of the following kits:

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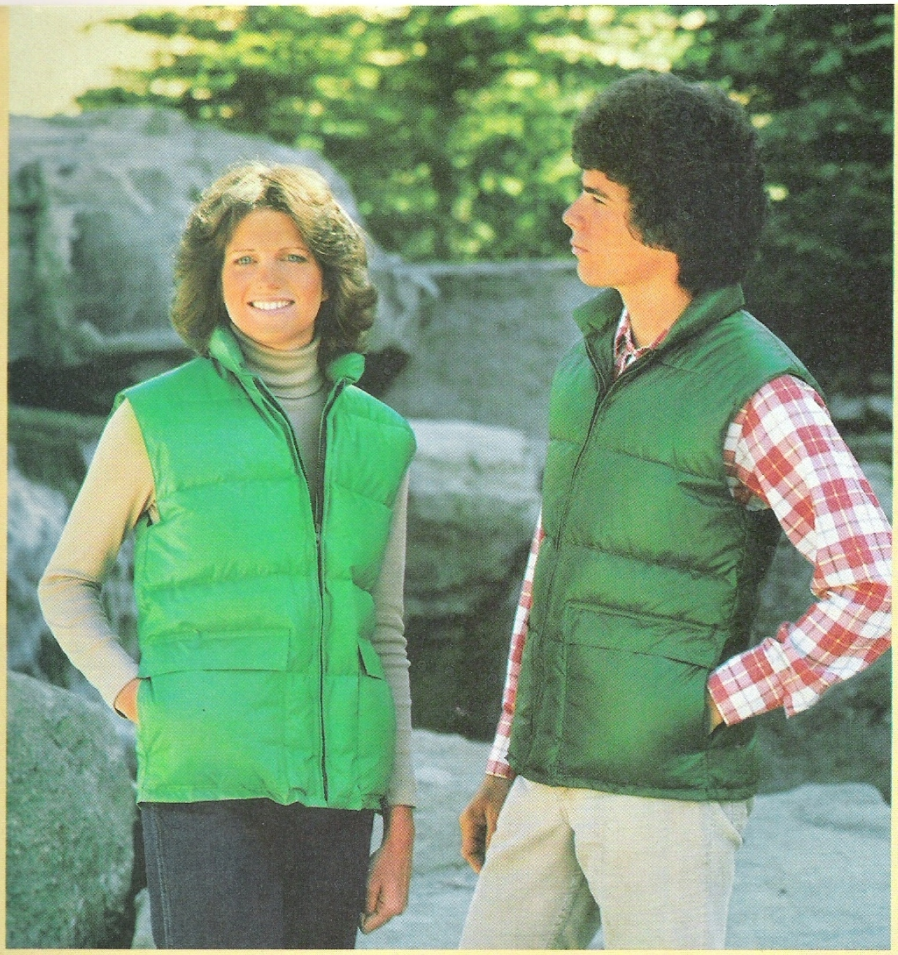
PolarGuard® is a registered trademark of Fiber Industries, Inc. a subsidiary of Celanese Corp.
™DuPont trademark for its hollow polyester fiber.



BACKPACKER VEST

Suggested First Time Kit

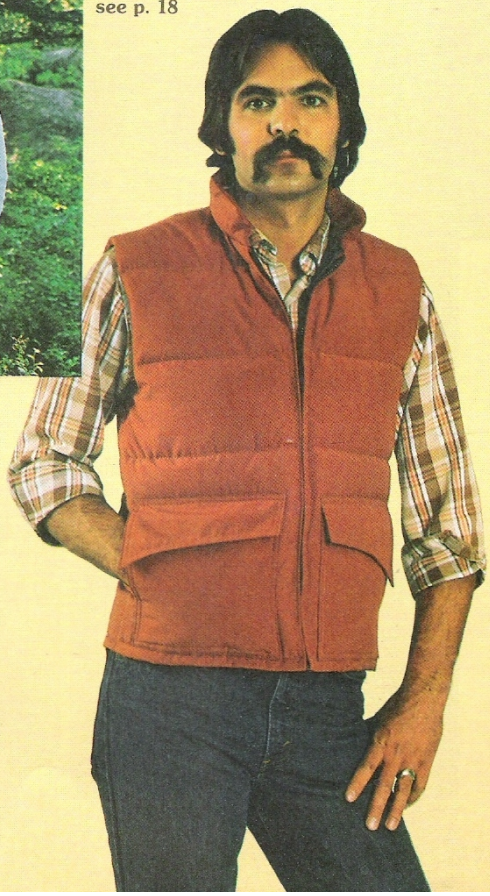
Longer than most vests. It features a plump collar and insulated **hand-warmer pockets** behind cargo pockets. This vest can be packed into a pocket-size space, yet will rebound instantly to full loft when you need it. The vest is ideal for that special customized look (see p. 18). Fits into a B-46 stuff sack (not included, see p. 34). Rugged one-way zipper, 1.9 oz. Ripstop Nylon, or 2.5 oz. Denim Blue Chambray Cloth (polyester/nylon blend). Your choice of insulators, either **prime northern goose down, or DuPont Hollofil™ II,** (see p. 2). Simple stitched-through construction means just a few evenings' work. Also available in a reversible hunter's version (see p. 22). Perfect under a FROSTLINE Mountain Parka, (see p. 15). Washable. Average thickness 1". Total Wt. Garment (med. size): Down 10.5 oz./Hollofil™ II 15.6 oz. Fill: Down 4.5 oz/Hollofil™ II 9.0 oz. *Colors: Navy Blue, Medium Blue, Forest Green, Red, Bright Yellow, Denim Blue or Kelly Green.*

BACKPACKER VEST (DOWN) (2)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Length	21"	26"	28"	30"	32"
Circf.*	38"	41"	45"	49"	53"
Cat. No.	C66C	C66S	C66M	C66L	C66X
Price	17.95	17.95	17.95	17.95	17.95
(HOLLOFIL II) (2)					
Cat. No.	C87C	C87S	C87M	C87L	C87X
Price	13.95	13.95	13.95	13.95	13.95

***See fitting instructions Page 36.**

Yokes Optional, see p. 18

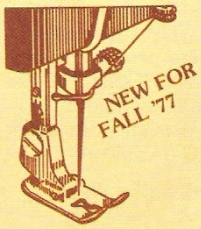


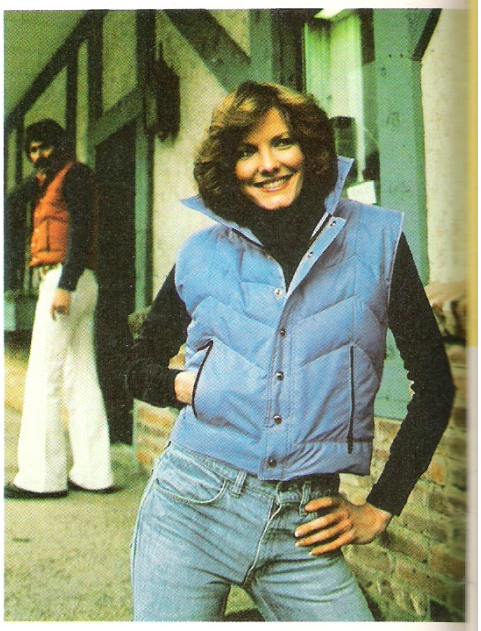
MOUNTAIN CLOTH BACKPACKER VEST

This vest is available with a tough down-proof **Mountain Cloth outer shell.** A blend of polyester and cotton, it's **abrasion resistant** and machine washable. Lining is easy-to-put-on Nylon. Total Wt. Garment (med. size): Down 15.0/Hollofil™ II 1 lb. 4 oz. Colors: *Red, Navy, Spruce Green or Rust (Rust has Navy lining).*

MOUNTAIN CLOTH B.P. VEST (DOWN) (2)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Cat. No.	C64C	C64S	C64M	C64L	C64X
Price	21.95	21.95	21.95	21.95	21.95
(HOLLOFIL II) (2)					
Cat. No.	C88C	C88S	C88M	C88L	C88X
Price	17.95	17.95	17.95	17.95	17.95





AZTEC VEST

A combination of style and function. The Aztec is at home on the ski slopes or at a shopping center on a brisk autumn day. Your choice of insulators, either **prime northern goose down or DuPont Hollofil™ II** (see p. 2). Fabric of either 100% Nylon Taffeta or Denim Blue Chambray Cloth (a polyester/nylon blend). Front closes with heavy duty nylon zipper, protected by snap-down zipper flap. Two zippered front pockets. Shirt style **collar will "stand-up" for extra protection** in windy conditions. Like all FROSTLINE kits, the Aztec kit can be made on an ordinary home sewing machine. Washable. Average thickness 1". Total Wt.Garment (med. size): Down 12 oz./Hollofil™ II 1 lb. 1 oz. *Colors: Navy, Kelly, Denim Blue, or Rust (All with Navy thread).*

AZTEC (DOWN) (2)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Length	19½"	21½"	23½"	23½"	25½"
Circf.*	36"	40"	44"	48"	52"
Cat. No.	C73C	C73S	C73M	C73L	C73X
Price	22.95	22.95	22.95	22.95	22.95

(HOLLOFIL II) (2)

Cat. No.	C89C	C89S	C89M	C89L	C89X
Price	18.95	18.95	18.95	18.95	18.95

***See fitting instructions Page 36.**

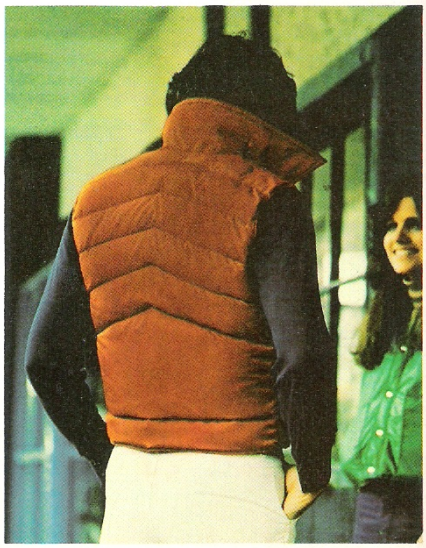


FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

WEATHERWATCHER VEST

Suggested First Time Kit

(PolarGuard® Insulated)

Our Weatherwatcher Vest was **designed for wet-weather conditions. Filled with one layer of PolarGuard® polyester insulation,** (see p. 2). **Simple to make.** Vest features smooth outer shell. Insulated shirt-type collar can be made in two-tone or solid color. Vest can be made with or without yoke. (Yoke material is included in kit). **Kidney flap** extends well below the waist for added protection. **Front pockets are insulated** for warming cold hands. Front closes with snaps. Lining and yoke cut from 1.9 oz. Ripstop Nylon. Outer shell for Kelly Green and Red is 1.9 oz. Ripstop Nylon. Outer shell for "Denim Blue" is 2.5 oz. Chambray Cloth (polyester/nylon blend). Kit is complete with pre-cut cloth parts, **PolarGuard** insulation, snaps, snap setting tool, thread and step-by-step instructions. For our child's **PolarGuard** vest, see the Smallfry (p. 20). Weight: 11 oz. Average thickness: 1" (med. size). *Colors: Red, Kelly Green or Denim Blue, all with Navy linings.*

WEATHERWATCHER VEST (2)

Men's / Ladies'	x-sm / sm	sm / med	med / lg	lg / x-lg	x-lg
Back	22½"	24"	25½"	27"	28½"
Front	14"	16½"	18"	19½"	21"
Circf.*	32½"	36½"	40½"	44½"	48½"
Cat. No.	C42C	C42S	C42M	C42L	C42X
Price	14.50	14.50	14.50	14.50	14.50

***See fitting instructions Page 36.**

PolarGuard® is a registered trademark of Fiber Industries, Inc. a subsidiary of Celanese Corp.

BUSHWHACKER™ VEST

Suggested First Time Kit

Styled in the tradition of the Old West. The Bushwhacker Vest is **lined with thick pile artificial shearling lambswool** for added warmth. **Outer shell is a leather-like acrylic fabric** that looks and feels like the "real thing." Both lining and outside are **machine washable.** Decorative top-stitching adds that professional look to this attractive vest. Instructions included for toggle fasteners (shown, but not included in kit). Toggles available at your local fabric store. **An easy one or two evening kit.** Kit includes pre-cut parts, thread and step-by-step instructions. Weight: 15 oz. (med. size). *Color: Tan.*

BUSHWHACKER VEST (2)

Men's / Ladies'	x-sm / sm	sm / med	med / lg	lg / x-lg	x-lg
Length	20½"	20¾"	21"	21¼"	21½"
Circf.*	36½"	38½"	40½"	42½"	44½"
Cat. No.	C45C	C45S	C45M	C45L	C45X
Price	13.50	13.50	13.50	13.50	13.50

***See fitting instructions Page 36.**

CRESTONE JACKET™

Suggested First Time Kit

The Crestone Jacket is our most versatile and most popular jacket. An excellent year-round coat. It's perfect for **backpacking** trips or as a toasty warm **car-coat.** Fits snuggly into our B-47 stuff sack (not included, see p. 34). For children, we recommend our Children's Crestone Jacket (p. 20) so they will have the same warm coats as mom and dad. Made of rugged 100% Nylon Taffeta with stitched-through construction. Your choice of insulators, either **prime northern goose down or DuPont Hollofil™ II,** (see p. 2). Elastic cuffs are standard but instructions tell how to install our nylon stretch-knit cuffs (order separately, p. 35). The 2-way zipper runs up into the high, insulated collar and is backed by an insulated flap to seal out drafts. **Bottom drawstring** snugs coat around your hips. Zipper opens from bottom to relieve strain when sitting and for easier access to pants pockets. Roomy, **insulated pockets** shut with self-sealing flaps. Collar has pre-set snaps for the optional hood (see p. 17). For that extra nice look, order our matching belt kit. Add a stylish western yoke, (see p. 18). A reversible hunter's version of this fine coat is shown on page 22. The Crestone is washable. Average thickness 1". Total Wt. Garment (med. size): Down 1 lb. 8 oz./Hollofil™ II 2 lb. 1 oz. Fill: Down 9.5 oz./Hollofil™ II 1 lb. 3 oz. *Colors: Navy Blue, Medium Blue, Red, Rust, Forest Green and Kelly Green.*

CRESTONE JACKET (DOWN) 3

Men's / Ladies'	x-sm / sm	sm / med	med / lg	lg / x-lg	x-lg
Length	26"	28"	30"	32"	34"
Sleeve	30"	33½"	35"	36½"	38"
Circf.*	38"	42"	46"	50"	54"
Cat. No.	C28C	C20S	C20M	C20L	C20X
Price	34.50	34.50	34.50	34.50	34.50

(HOLLOFIL II) 3

Cat. No.	C97C	C97S	C97M	C97L	C97X
Price	24.95	24.95	24.95	24.95	24.95

***See fitting instructions Page 36.**

MOUNTAIN CLOTH CRESTONE

The Crestone Jacket is available with a tough down-proof Mountain Cloth outer shell. A blend of polyester and cotton, it's **abrasion resistant and machine washable.** Lining is easy-to-put-on Nylon Taffeta. Total Wt. garment (med. size): Down 2 lbs. 2 oz./Hollofil™ II 2 lbs. 12 oz. *Colors: Red, Navy, Spruce Green or Rust (Rust has Navy lining).*

MOUNTAIN CLOTH CRESTONE (DOWN) 3

Men's / Ladies'	x-sm / sm	sm / med	med / lg	lg / x-lg	x-lg
Cat. No.	C75C	C75S	C75M	C75L	C75X
Price	39.50	39.50	39.50	39.50	39.50

(HOLLOFIL II) 3

Cat. No.	C99C	C99S	C99M	C99L	C99X
Price	28.95	28.95	28.95	28.95	28.95

***See fitting instructions Page 36.**

MARIAH T.M.

The Mariah is our new **multi-purpose, year-round jacket.** Created with special attention to styling detail. Functional too, because it's filled with **prime northern goose down,** the ultimate in lightweight warmth. Shell fabric of either 100% Nylon Taffeta or Denim Blue Chambray Cloth (a polyester/nylon blend). Zippered front **pockets are goose down insulated** for warming cold hands. Decorative pocket flap is optional (kit includes material and instructions). Has inside breast pocket for billfold, sunglasses, lip balm, etc. Jacket front closes with heavy duty nylon zipper covered by a protective snap-down flap. **Cuffs adjust** with snaps for controlled ventilation. Shirt-style collar will "stand-up" and snap closed for extra protection. Fits into our B-47 stuff sack, not included (see p. 34). Washable or Dry Cleanable. Average Thickness 1". Total weight Garment (med. size): 1 lb. 9 oz. *Colors: Navy, Denim Blue, or Rust.*

MARIAH (3)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Length	22½"	24½"	26½"	28½"	30½"
Circf.*	37"	40"	43"	46"	49"
Sleeve	31½"	33"	34½"	36"	37½"
Cat. No.	C74C	C74S	C74M	C74L	C74X
Price	37.50	37.50	37.50	37.50	37.50

***See fitting instructions Page 36.**

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

FASHION SKI WEAR

The perfect combination of **function** and **fashion** at **reasonable prices**. FROSTLINE offers our fashion coordinated ski wear kits, (re-sized this year to fit a broader range of people). To ensure you of top quality, we have employed the same **time-tested methods of construction** as we use in our rugged mountaineering style garments, and at the same time offer the **latest** in **fashion, features and fabrics on the ski scene.** For instance, with our ski jackets you don't have to sacrifice warmth for good looks. Both are filled with prime northern goose down. And . . . because they are kits, **you can tailor our ski wear** during construction **for a perfect fit!**

COBRA

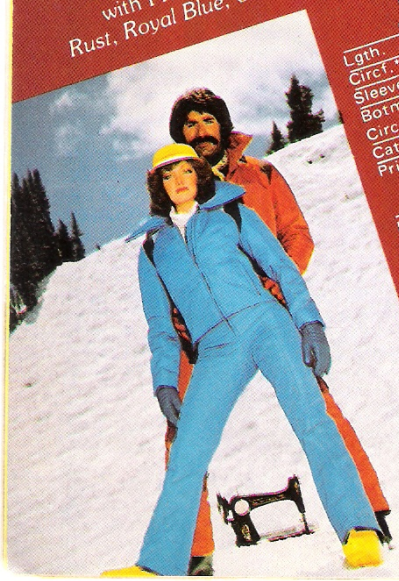
The Cobra is designed for ACTION. Stretch knit panels at shoulders and sides for maximum freedom of movement. Outer fabric is abrasion resistant Antron® Nylon. Lining is 1.9 oz. Ripstop Nylon. **Insulation is prime northern goose down for the ultimate in luxury and warmth. In addition, a layer of Poly-Slim®** (100% polyester interlining) is sandwiched between the lining and outside to create a smooth outer shell. Like the Condor, the Cobra has a **powder belt** sewn to lining (see Condor photo). Belt prevents snow from getting inside the jacket when skiing deep powder **(snaps up into lining when not in use).** The Cobra features three pockets. One inside breast pocket for carrying suntan lotion, lip balm, sunglasses, etc. Two outside, zippered pockets, for warming cold hands. Front zipper is color coordinated and extends all the way up to peak of collar for extra warmth while riding the lift. Entire length of **zipper is backed by an insulated flap** to seal out drafts. Inset, elastic cuffs snow-proof the sleeves. Combine the Cobra with FROSTLINE Bib Overalls to complete your outfit. Colors: MEN: Rust, Royal Blue, or Kelly (Navy linings). WOMEN: Yellow, Royal Blue or Kelly (Navy linings).

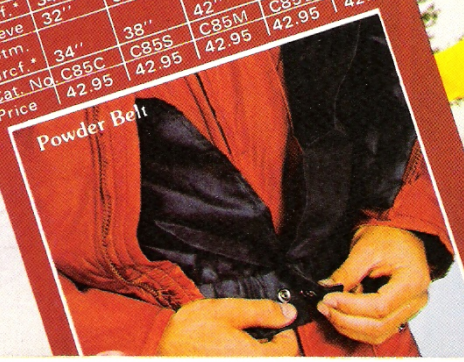
MEN'S COBRA SKI JACKET ③

	x sm	sm	med	lg	x lg
Lgth.	21"	23"	25"	27"	29"
Circf.*	36½"	40½"	44½"	48½"	52½"
Sleeve	33"	34"	35"	36"	37"
Botm. Circf.*	33½"	37½"	41½"	45½"	49½"
Cat. No.	C84C	C84S	C84M	C84L	C84X
Price	44.95	44.95	44.95	44.95	44.95

WOMEN'S COBRA SKI JACKET ③

	x-sm	sm	med	lg	x lg
Lgth.	20"	21½"	23"	24½"	26"
Circf.*	34"	38"	42"	46"	50"
Sleeve	32"	33"	34"	35"	36"
Botm. Circf.*	34"	38"	42"	46"	50"
Cat. No.	C85C	C85S	C85M	C85L	C85X
Price	42.95	42.95	42.95	42.95	42.95





Powder Belt

CONDOR

Designed in the spirit of Free Flight. The stretch-action panels at shoulders permit freedom of movement. Outer fabric is abrasion resistant Antron Nylon. Lining is 1.9 oz. Ripstop Nylon. **Insulation is prime northern goose down** for the ultimate in luxury and warmth. In addition, a layer of Poly-Slim (100% polyester interlining) is sandwiched between the lining and outside to create smooth outer shell. The Condor has a **powder belt** sewn to lining. Belt prevents snow from getting inside the jacket when skiing deep powder, **(snaps up into lining when not in use).** The Condor is designed with three pockets. Two outside zippered pockets and one inside breast pocket, with snap closure. Front zipper extends to base of collar and is backed by an insulated flap, to seal out drafts. **Insulated collar will "stand-up"** and snap shut in front for extra warmth while riding the lift. Recessed nylon knit cuffs snow-proof the sleeves. Combine with our Bib Overalls to complete your outfit. Colors: MEN: *Royal Blue, Kelly, or Yellow (Navy linings).* WOMEN: *Royal Blue, Rust, or Kelly (Navy linings).*

MEN'S CONDOR SKI JACKET ③

	x-sm	sm	med	lg	x-lg
Lgth.	21"	23"	25"	27"	29"
Circf.*	36"	40"	44"	48"	52"
Sleeve	33"	34"	35"	36"	37"
Botm. Circf.	33"	37"	41"	45"	49"
Cat. No	C82C	C82S	C82M	C82L	C82X
Price	39.95	39.95	39.95	39.95	39.95

WOMEN'S CONDOR SKI JACKET ③

	x-sm	sm	med	lg	x-lg
Lgth.	19"	20½"	22"	23½"	25"
Circf.*	33"	37"	41"	45"	49"
Sleeve	32"	33"	34"	35"	36"
Botm. Circf.	33"	37"	41"	45"	49"
Cat. No	C83C	C83S	C83M	C83L	C83X
Price	37.95	37.95	37.95	37.95	37.95

*See fitting instructions Page 36.

Poly-Slim® is a registered trademark of Samuel Haber's Sons.

Powder Cuff

BIB OVERALLS

Designed to complement our ski jackets. Colors may be mixed or matched, as you prefer. Insulated with Poly-Slim (100% polyester interlining). Bibs can be tailored during construction for a perfect fit. FROSTLINE Bib Overalls feature **side and back stretch panels** for freedom of movement. Stretch material at shoulders eliminates need for adjustable shoulder straps. Outer fabric is 100% Antron Nylon. Lining is 1.9 oz. Ripstop Nylon in contrasting color. **Two zippered front pockets.** Inside breast pocket is self-sealing. Front zipper is backed by an insulated flap to seal out drafts. Recessed **powder cuffs** at bottom snug around boots **to keep the snow out.** Colors: MEN: *Royal Blue, Rust, or Kelly (Navy linings).* WOMEN: *Royal Blue, Kelly, or Yellow (Navy linings).*

MEN'S BIB OVERALLS ③

	sm	med	lg	x-lg
Hip Circf.*	38"	42"	46"	50"
Total Length	63"	64½"	66"	67½"
Inseam Lgth.	34"	35½"	37"	38½"
Chest Circf.*	34"	38"	42"	46"
Cat. No.	C80S	C80M	C80L	C80X
Price	35.95	35.95	35.95	35.95

WOMEN'S BIB OVERALLS ③

	sm	med	lg	x-lg
Hip. Circf.*	36"	40"	44"	48"
Total Length	60"	61½"	63"	64½"
Inseam Lgth.	31"	32½"	34"	35½"
Chest Circf.	32"	36"	40"	44"
Cat. No.	C81S	C81M	C81L	C81X
Price	33.95	33.95	33.95	33.95

*See fitting instructions Page 36.

PARSENN™ SKI PARKA

The toasty warm Parsenn was designed with the skier in mind. Its smooth outer shell protects sewn-through construction on the inside. Insulation options include, **prime northern goose down or DuPont Hollofil™ II** (see p. 2). Matched with FROSTLINE Down Pants, you can ski in total comfort, even on the coldest days. Two zippered side pockets are insulated for warming cold hands. The **raglan sleeve design** assures freedom of movement in the shoulders. Recessed nylon knit cuffs and drawstring at the bottom keep the snow on the outside of the parka. The **front 2-way zipper** extends to top of collar and can be opened from the bottom to relieve strain or to get into pants pockets. Collar has pre-set snaps for optional hood (see p. 17). Add a stylish western yoke, (see p. 18). Will fit snugly into our B-48 stuff sack (not included, see p. 34). Material is 100% Nylon Taffeta. Kit includes matching belt. Average thickness 1". Total Wt. Garment (med. size): Down 1 lb. 15 oz./Hollofil™ II 2 lb. 8 oz. Fill: Down 9.5 oz./Hollofil™ II 1 lb. 3 oz. *Colors: Navy Blue, Medium Blue, Forest Green, Kelly Green, Red, or Rust.*

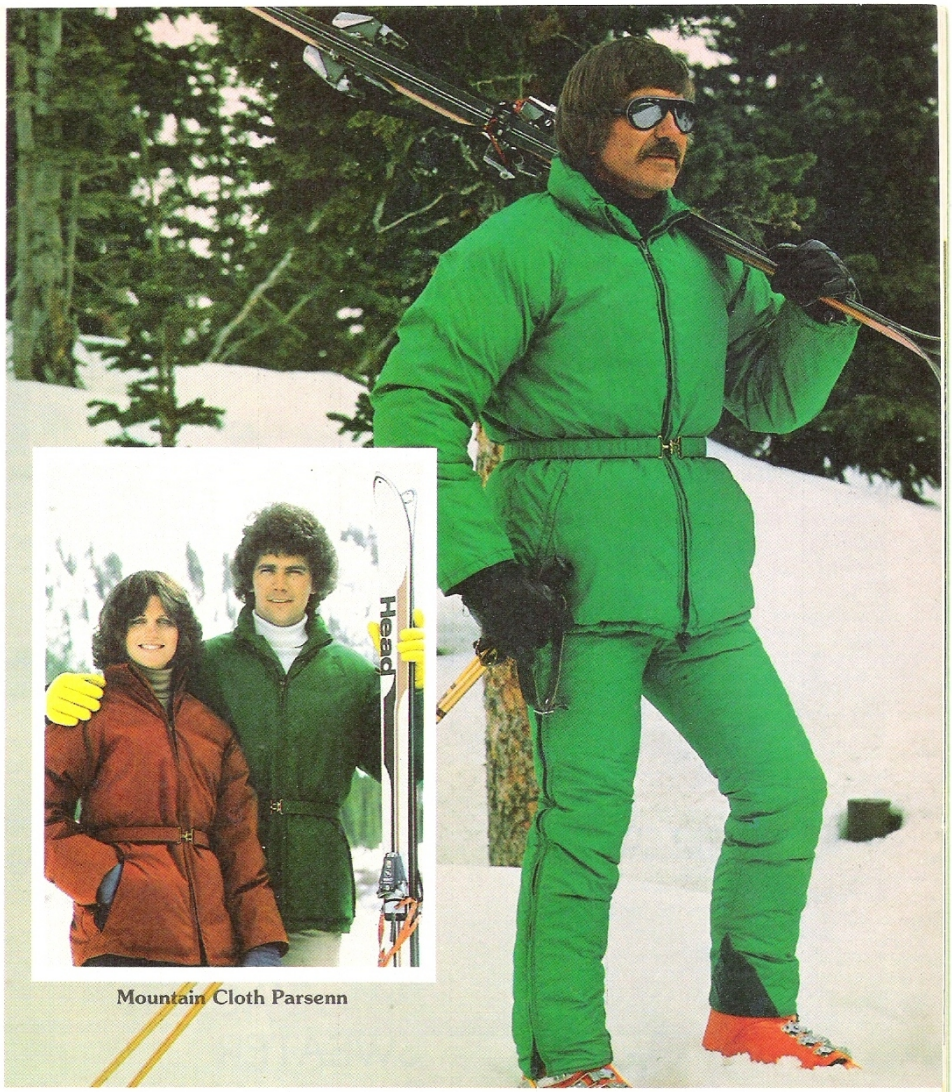
PARSENN JACKET (DOWN) (4)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Length	27"	29"	31"	33"	35"
Sleeve	32"	33½"	35"	36½"	38"
Circf.*	38"	42"	46"	50"	54"
Cat. No.	C23C	C23S	C23M	C23L	C23X
Price	42.95	42.95	42.95	42.95	42.95

(HOLLOFIL II) (5)

Cat. No.	C68C	C68S	C68M	C68L	C68X
Price	31.95	31.95	31.95	31.95	31.95

***See fitting instructions Page 36.**



Mountain Cloth Parsenn

MOUNTAIN CLOTH PARSENN

The Parsenn Ski Parka is available with a tough down-proof Mountain Cloth outer shell. A blend of polyester and cotton, it's **abrasion resistant and machine washable.** Lining is easy-to-put-on Nylon Taffeta. Total Wt. Garment (med. size): Down 2 lbs. 8 oz./Hollofil™ II 3 lbs. 1 oz. *Colors: Red, Navy, Spruce Green or Rust (Rust has Navy lining).*

MOUNTAIN CLOTH PARSENN (DOWN) (4)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Cat. No.	C76C	C76S	C76M	C76L	C76X
Price	47.95	47.95	47.95	47.95	47.95

(HOLLOFIL II) (5)

Cat. No.	C69C	C69S	C69M	C69L	C69X
Price	36.95	36.95	36.95	36.95	36.95

***See fitting instructions Page 36.**

DOWN PANTS

Great for ice fishing, working outdoors, or matched with the Parsenn Ski Jacket, they are perfect **for cold days** on the slopes. For really rough conditions, combine them with a Tundra Jacket, insulated Hood and Mountain Mitts. **Separating leg zippers** for putting on or taking off without removing boots or skis. A matching "fanny pack" carrying case is included to carry the pants in when it warms up. Pants **filled with prime northern goose down.** Quilted-through construction with wind-proof, quilt-free outside for smooth good looks. Washable. Total Wt. Garment (med. size): Down 1 lb. 15 oz. Fill: Down 9.5 oz. *Colors: Navy Blue, Medium Blue, Forest Green, Kelly Green or Red.*

DOWN PANTS (3)

	Small	Med.	Large	X-lg
Max. waist or hips*	36"	40"	44"	48"
Max. outseam*	44"	45"	46"	47"
Cat. No.	C36S	C36M	C36L	C36X
Price	36.50	36.50	36.50	36.50

***See fitting instructions Page 36.**

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

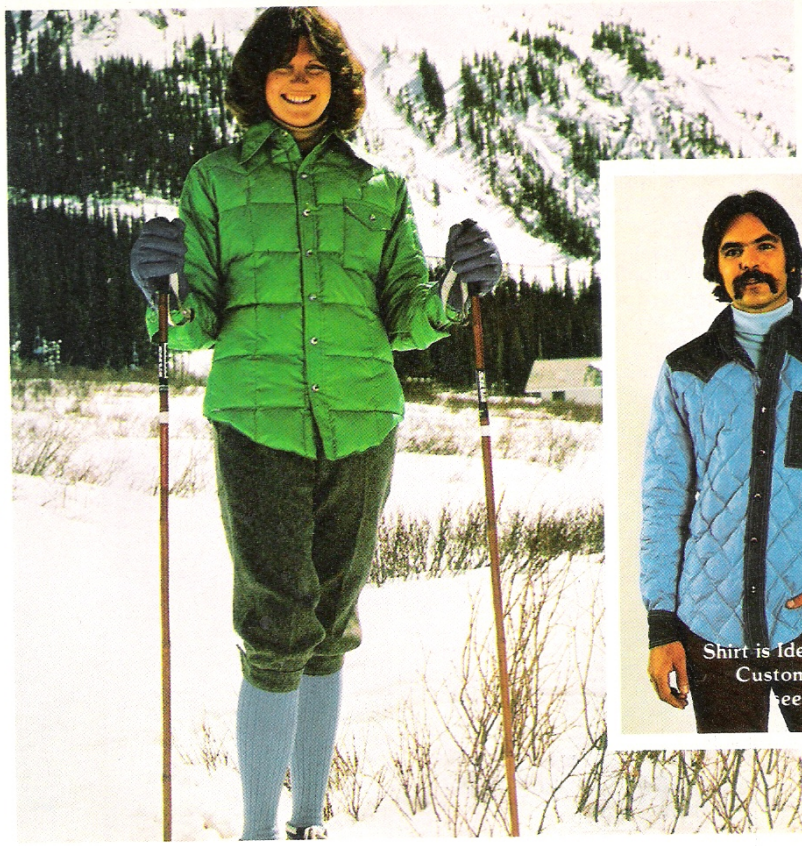
DOWN SHIRT

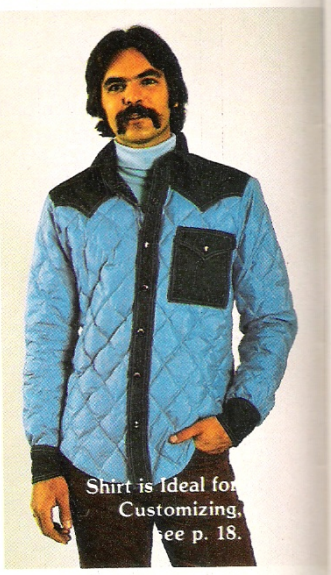
Designed for use as a shirt/jacket. Just enough insulation to take the chill out of early morning or early evening. **Stylish** enough to wear in the city yet **rugged** enough for the wilderness traveler. The Down Shirt can be made with western or plain shirt yoke. Shirt tail can be made either straight or curved. Quilt pattern is diamond shaped or square, at your option. Snaps are used to fasten cuffs, breast pocket and front closure. Outer shell fabric is 1.9 oz. Ripstop Nylon or 2.5 oz. Denim Blue Chambray Cloth (polyester/nylon blend). All linings are 1.9 oz. Ripstop Nylon in contrasting color. **Easy to care for.** It's washable or dry-cleanable. Kit is complete with pre-cut parts, goose down, snaps, snap setting tool, thread and step-by-step instructions. Weight: 13 oz. with 3 oz. down (med. size). *Colors: Red, Kelly Green or Denim Blue, all with Navy Linings.*

DOWN SHIRT (2)

Men's Ladies'	x-sm sm	sm med	med lg	lg x-lg	x-lg	xx-lg
Neck	12½"	13½"	14½"	15½"	16½"	17½"
Lgth.	27"	28"	29"	30"	31"	32"
Sleeve	31½"	32½"	33½"	34½"	35½"	36½"
Circf*	39½"	41½"	43½"	45½"	47½"	49½"
Cat. No.	C65C	C65S	C65M	C65L	C65X	C65K
Price	24.50	24.50	24.50	24.50	24.50	24.50

***See fitting instructions Page 36.**

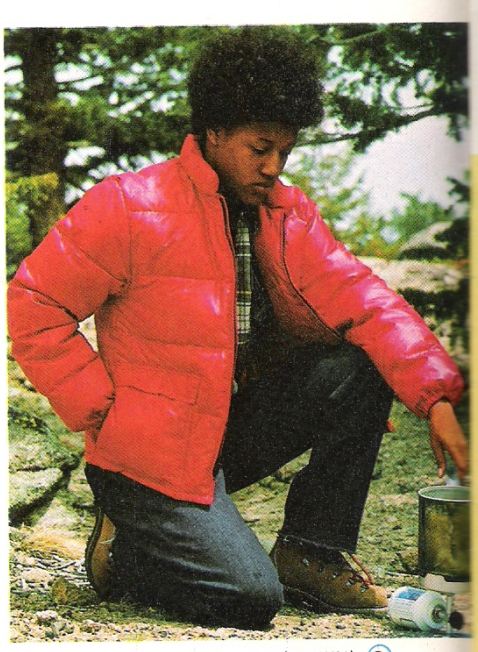




BACKPACKER SWEATER

Suggested First Time Kit

The Backpacker Sweater is just that — a sweater filled with lightweight insulation instead of heavy yarn. Consequently, it is **warmer and lighter than a knit sweater** and can be more easily compacted for carrying. It's great for backpacking, skiing or just for wearing around town. **Windproof,** this garment is shorter but the **same thickness as our Crestone Jacket** (p. 6). All cloth parts pre-cut from 1.9 oz. Ripstop Nylon, insulated at your option, with **prime northern goose down or DuPont Hollofil™ II** (see p. 2). Convenient flap-covered cargo pockets with **insulated hand-warmer pockets** behind. Cargo pocket flaps are self-sealing. Zipper extends to base of collar. Sleeves have elastic cuffs, but instructions tell how to install our nylon stretch-knit cuffs (order separately from p. 35). Snaps pre-set in collar for optional hood (see p. 17). Fits snugly into our B-47 stuff sack (not included, see p. 34). Washable. Add a stylish western yoke to your Backpacker Sweater, (see p. 18). Average thickness 1". Total Wt. Garment (med. size): Down 1 lb. 4 oz/Hollofil™ II 1 lb. 14 oz. *Colors: Navy Blue, Medium Blue, Forest Green, or Red.*



BACKPACKER SWEATER (DOWN) (3)

Men's Ladies'	x-sm sm	sm med	med lg	lg x-lg	x-lg
Length	24"	26"	28"	30"	32"
Sleeve	30"	33½"	35"	36½"	38"
Circf.*	37"	41"	45"	49"	53"
Cat. No.	C67C	C67S	C67M	C67L	C67X
Price	26.50	26.50	26.50	26.50	26.50
(HOLLOFIL II) 4					
Cat. No.	C95C	C95S	C95M	C95L	C95X
Price	19.50	19.50	19.50	19.50	19.50

***See fitting instructions Page 36.**

(FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

TUNDRA JACKET

For really cold conditions, this is the coat that will see you through. Not a baffle construction expedition coat (which is too warm for practical use in most cases), this coat is right for winter and high mountain uses. Winter mountaineering, cold weather camping, below-zero skiing or just being outdoors on a bitter-cold day are perfect reasons for making and owning a Tundra Jacket. Ample amounts of **prime northern goose down** are quilted between the tough, light-weight outside of 1.9 oz. Ripstop Nylon and the light Nylon Taffeta interlining. Inside is a smooth lining of 1.9 oz. Ripstop for extra comfort. **Large down-insulated pockets** are covered with flaps and are closed with concealed zippers. The **2-way front zipper** will open from the bottom for easy access to pants pockets and extends up into the high, **warm, down-filled collar.** Behind the zipper is a plump down-filled flap to seal out the cold. Collar has pre-set snaps for the optional down hood (see p. 17). Nylon **knit cuffs storm-proof the sleeves** and a bottom drawstring snugs the coat around your hips. For complete cold-weather protection, combine the Tundra Jacket with our Mountain Mitts (p. 16) and FROSTLINE Down Pants (p. 11). You'll be "bomb-proof" on a winter climb, on a snowmobile or in a sailplane at 20,000 feet. Fits nicely into a B-49 stuff sack (not included, see p. 34). Weight: 2 lbs. 2 oz. Average thickness: 1-3/4" with 12-1/2 oz. down (med. size). *Colors: Navy Blue, Medium Blue, or Forest Green.*

TUNDRA JACKET (4)

Men's	sm	med	lg	x-lg
Ladies'	med	lg	x-lg	
Length	31"	33"	35"	37"
Sleeve	33½"	35"	36½"	39"
Circf.*	42"	46"	50"	54"
Cat. No.	C10S	C10M	C10L	C10X
Price	45.95	45.95	45.95	45.95

***See fitting instructions Page 36.**

KANATUK PARKA

The Kanatuk is longer than any of our other coats. It comes well below the seat for really cold days. It is made of our **rugged down-proof Mountain Cloth,** a balanced blend of polyester and cotton, which is tough and snag-resistant. Wear it in the woods, working on the ranch, wherever you need a rugged warm coat. The lining is smooth, easy-to-put-on Nylon Taffeta. Filled with our **prime northern goose down.** Large self-sealing cargo pockets with flaps. Down insulated **hand-warmer pockets** behind. Two-way zipper extends to the top of the down-filled collar, and is backed by a down-filled flap to seal out drafts. Inside has waist drawstring and adjustable clamps. Nylon stretch-knit cuffs. Collar has pre-set snaps for optional down hood (see p. 17). Sleeve lengths allow for easy tailoring to fit. Washable. Weight: 2 lbs. 10 oz. Average thickness: 1-1/4" with 13 oz. down (med. size). *Colors: Spruce Green, Navy Blue, Red, or Rust (Rust has Navy lining).*

KANATUK PARKA (4)

Men's	sm	med	lg	x-lg
Ladies'	med	lg	x-lg	
Length	33"	35½"	38"	40"
Sleeve	34½"	36"	37½"	39"
Circf.*	42"	46"	50"	54"
Cat. No.	C52S	C52M	C52L	C52X
Price	53.95	53.95	53.95	53.95

***See fitting instructions Page 36.**

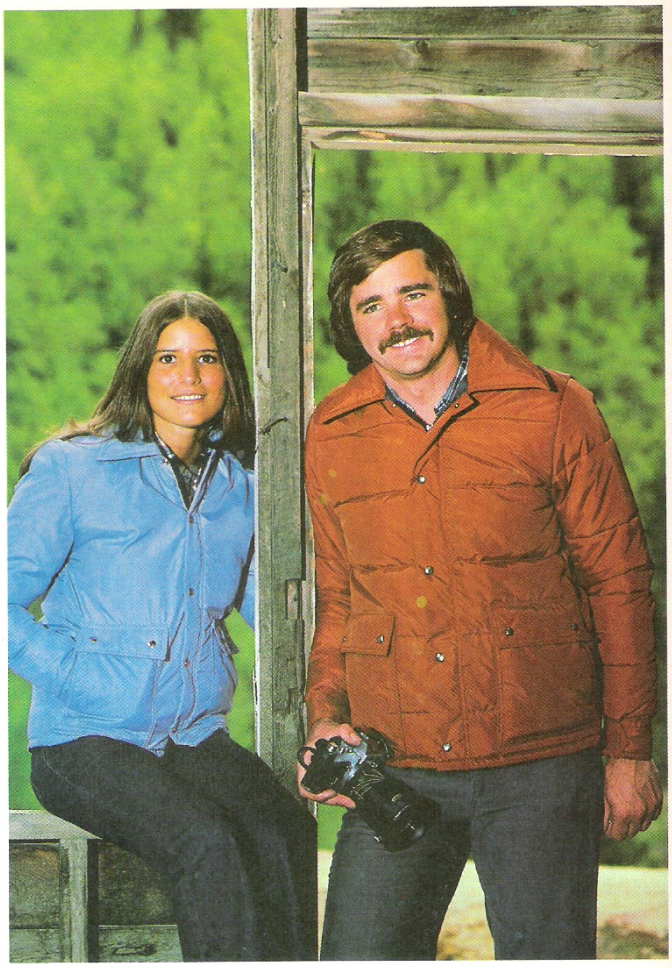
◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

POLAR BEAR™
(PolarGuard® Insulated)

Designed for extremely cold, damp conditions. Body of parka is **insulated with 2 layers of PolarGuard** polyester insulation, (see p. 2). Shell fabric is lightweight but rugged 1.9 oz. Ripstop Nylon. Two-way zipper opens from bottom to relieve strain when sitting or for easier access to pants pockets. **Zipper is covered by insulated flaps to seal out drafts.** Insulated collar has pre-set snaps for optional hood, (see p. 17). Inside breast pocket with self-sealing closure. Front **pockets are hand-warmer cargo style** with self-sealing flaps. Inside waist drawstring with drawstring clamps for controlling heat loss from upper body area. **Sleeves are raglan design** to ensure freedom of movement in the shoulders, and are lined with one layer of 1" thick **PolarGuard.** Nylon knit cuffs storm-proof the sleeves. **NOTE:** To provide maximum warmth, quilt lines on body of parka are **not** sewn through both outside **and** lining. Instead, one layer of **PolarGuard** is sewn to outside and one to the lining with offset quilt lines, resulting in uniform thickness of insulation. Fits B-52 stuff sack, (see p. 34). Weight: 2 lbs. (med. size). Average thickness: 1-1/2". *Colors: Navy, Medium Blue, or Forest Green.*

POLAR BEAR PARKA (4)

Men's Ladies'	sm med	med lg	lg x-lg	x-lg
Length	30½"	32½"	34½"	36½"
Sleeve	34½"	36"	37½"	39"
Circf.*	44"	48"	52"	56"
Cat. No.	C40S	C40M	C40L	C40X
Price	34.95	34.95	34.95	34.95



NIAGARA™ JACKET
(PolarGuard® Insulated)

City, Country or Wilderness use. This jacket is ideal for cold, damp conditions. **Insulated with one layer of PolarGuard** polyester insulation, (see p. 2). Outer shell of either 100% Nylon Taffeta or Denim Blue Chambray Cloth (a polyester/nylon blend). Linings are 1.9 oz. Ripstop Nylon. Instructions feature smooth outer shell or quilted-through construction, at your option. Zipper is covered by a snap-down flap to seal out drafts. Insulated shirt-type **collar will "stand-up"** for extra protection in windy conditions. Inside breast pocket with self-sealing closure. Roomy flap-covered cargo pockets with insulated **hand-warmer pockets** behind. Accessory attachment tab for gloves just below right or left front pocket, whichever you prefer. Cuffs are gusseted and adjust with self-adhering tabs so you can close them, even with your gloves on! Average thickness: 1". Weight: 1 lb. 5 oz. (med. size). *Colors: (Shell/Contrasting lining) Navy/Red, Kelly/Navy, Denim Blue/Navy, Red/Navy, Rust/Navy.*

NIAGARA JACKET (3)

Men's Ladies'	x-sm sm	sm med	med lg	lg x-lg	x-lg
Back	25½"	27"	28"	30"	31½"
Sleeve	32"	33"	34"	35"	36"
Circf.*	36"	40"	44"	48"	52"
Cat. No.	C41C	C41S	C41M	C41L	C41X
Price	25.95	25.95	25.95	25.95	25.95

***See fitting instructions Page 36.**

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

MOUNTAIN PARKA

The Mountain Parka is a rugged **all-purpose jacket.** People use it ski touring, rock climbing, mountaineering, ice skating, hiking, backpacking, hang gliding; in fact, in every conceivable outdoor sport. More than that, it is being used as a car coat and stadium coat by people who don't participate in anything more strenuous than watching the Sunday afternoon football games. It's made of **Mountain Cloth, a balanced blend of polyester and cotton,** a combination that is rugged, **water repellent and machine washable.** Its "breathability" is a plus for active sports, particularly in winter. It is fully lined with a polyester/cotton cloth that is lighter in weight than the Mountain Cloth. **Lining material increases water-repellancy** and prevents inside condensation. The front zipper flap is fastened down with self-sealing strips. Four large pleated pockets have wide self-sealing flaps. **Lower front pockets are hand-warmer style behind large cargo pockets.** The inside-zippered breast pocket plus a 10" zipper, opening to entire double back (enough room to pack a sweater) give you an unusual amount of pocket space. Drawstrings at the waist and on the hood. Cuffs are gusseted and have wide self-sealing tabs so you can close them, even with your mittens on. **Cuffs will close over gloves** or can be left wide open for ventilation. Parka is roomy to fit over an insulated jacket or vest of the same size. Order one size larger to fit over a Tundra Jacket. All parts pre-cut, of course, and everything is included for you to put this great parka together. Weight: 2 lbs. 3 oz. (med. size). *Colors: Navy Blue, Red, Rust or Spruce Green. All with Tan lining.*

MOUNTAIN PARKA (3)

Men's	x-sm	sm	med	lg	x-lg
Ladies'	sm	med	lg	x-lg	
Length	29"	31"	33"	35"	37"
Sleeve	32½"	34"	35½"	37"	38½"
Circf.*	40"	44"	48"	52"	56"
Cat. No.	C39C	C39S	C39M	C39L	C39X
Price	28.95	28.95	28.95	28.95	28.95

*See fitting instructions Page 36.

KITS FOR RAIN GEAR

PONCHO

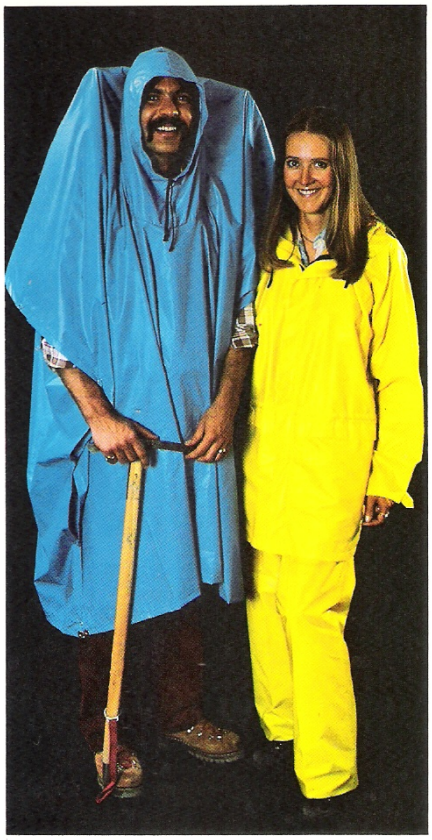
The best rain garment because you can ventilate it for a minimum of condensation. Visored hood has drawstring. **Totally waterproof** urethane-coated nylon. Kit includes grommets and setting tool for eight grommets in sides and corners as well as snaps for holding sides together. **Sealer is provided to waterproof all seams.** Order Extended Poncho to wear over a frame sack when backpacking (see photo). Extra length in back of Extended Poncho can be snapped up to the inside when not needed. *Colors: Medium Blue or Moss Green.*

REGULAR PONCHO (2)

	Med.	Large
Size	56" x 73"	56" x 85"
Weight	15 oz.	19 oz.
Cat. No.	W60M	W60L
Price	11.95	12.95

EXTENDED PONCHO (3)

	Med.	Large
Size	56" x 100"	56" x 112"
Weight	19 oz.	23 oz.
Cat. No.	W61M	W61L
Price	13.95	14.95



RAIN PARKA

A completely waterproof, urethane-coated nylon rain coat. No shoulder seams for potential leaks. Plenty of seam sealer included to coat all seams. Long enough to keep your seat dry. The **hood has a visor** to keep rain off your face. Long 2-way zipper runs up into hood and opens at bottom so you can get into pants pockets or get more ventilation. Sleeve cuffs can be made either elastic or adjustable during construction. Large front pockets. Inside waist drawstring. Sized to fit over an insulated jacket or vest of the same size. *Colors: Medium Blue, Moss Green, Red or Bright Yellow.*

RAIN PARKA (2)

Mens	sm	med	lg	x-lg
Ladies	med	lg	x-lg	
Length	31"	33"	35"	37"
Sleeve	34"	35½"	37"	38½"
Circf.*	44"	48"	52"	56"
Cat. No.	W14S	W14M	W14L	W14X
Price	15.95	15.95	15.95	15.95

RAIN CHAPS

These chaps **are individual pant legs** which tie to your belt or belt loops. **100% waterproof.** Made of urethane-coated nylon. One size fits all. *Colors: Medium Blue, Moss Green, Red or Bright Yellow.*

RAIN CHAPS (1)

Weight	4½oz
Cat. No.	W12
Price	4.50

***See fitting instructions Page 36.**

CLOTHING ACCESSORY KITS

BELT KIT

Belt is 1-1/4" wide. *Colors: In Taffeta: Navy Blue, Medium Blue, Forest Green, Kelly Green or Red. In Mountain Cloth: Red, Spruce Green, Rust or Navy Blue. Gold clasps and slides.*

BELT KIT (1)

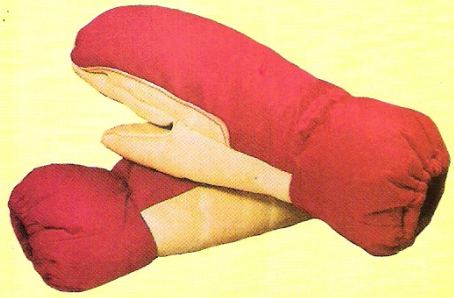
Cat. No. (taffeta)	C21
Cat. No. (mtn. cloth)	C51
Price	2.65

SKI MITTS

Our Ski Mitts are **down-insulated** with concealed nylon knit cuffs under 4-1/2" down-filled gauntlets. Tough leather palm, thumb and sidestrips with waterproof nylon layer behind. 100% Nylon Taffeta back. You can wear these mitts with or without a liner. To order correct size, measure hand as described on p. 36. Small: up to 6-7/8", Medium: up to 7-3/8", Large: up to 7-7/8", X-Large: up to 8-3/8". Weight: 9 oz. (med size). *Colors: In Taffeta only: Navy Blue, Medium Blue, Forest Green or Red.*

SKI MITTS (1)

	Small	Med.	Large	X-lg
Cat. No.	C29S	C29M	C29L	C29X
Price	12.95	12.95	12.95	12.95



MOUNTAIN MITTS

A double mitten. Inner mitten is completely down-insulated and has a stretch-knit nylon cuff. Outer shell has leather thumb, palm and side reinforcing strips plus 7-1/2" long goose down insulated gauntlet. Palm, thumb and back

of shell have optional waterproof layer inside. To order correct size, measure hand as described on p. 36. Small: up to 6-7/8", Medium: up to 7-3/8", Large: up to 7-7/8", X-Large: up to 8-3/8". Weight: 9 oz. (med size). *Colors: In Taffeta: Navy Blue, Medium Blue, Forest Green or Red.*

MOUNTAIN MITTS (2)

	Small	Med.	Large	X-lg
Cat. No.	C30S	C30M	C30L	C30X
Price	14.95	14.95	14.95	14.95

Because of variations in dye lots, we cannot guarantee a perfect color match with our clothing.

OVERBOOTS (A)

These Overboots are designed to be worn over the Down Booties. When used with them, they are **excellent camp gear, particularly in winter.** 10-1/2" high. **Waterproof** Naugahyde sole is replaceable. Just write for replacement sole and welt, catalog price: **$2.25** (give size). Uppers are heavy duty, waterproof 7.5 oz. nylon. 3/8" thick ensolite insole and back of heel (keeps heel warm when sitting with feet out-stretched). Drawstring at top, tie cord at ankle. Sizes fit Down Booties. Sole and welt strip look like buckskin suede leather. Weight: 9 oz. (med. size). *Color: Medium Blue.*

OVERBOOTS (1)

	X-sm	Sm.	Med.	Lg.	X-lg.
Cat. No.	C19C	C19S	C19M	C19L	C19X
Price	8.95	8.95	8.95	8.95	8.95

HOOD

Attaches with snaps; setting tool included in the kit. Self-sealing closure and drawstring to secure hood around face. **Down hood Colors:** *Taffeta: Navy Blue, Medium Blue, Forest Green, Kelly Green, Rust or Red. Ripstop: Navy Blue, Medium Blue, Forest Green, or Red. Mountain Cloth: Navy Blue, Spruce Green, Rust or Red.* **PolarGuard hood Colors:** *Ripstop: Navy Blue, Medium Blue, or Forest Green.*

DOWN HOOD (1)

	Ripstop	Taffeta	Mtn. Cloth
Small-Med	C11S	C16S	C50S
Lg—X-Lg	C11L	C16L	C50L
Price	7.50	7.50	9.50

CHILD'S HOOD (1)

	Taffeta	Mtn. Cloth
Cat. No.	C16C	C50C
Price	6.50	7.50

POLARGUARD HOOD (1)

	Small-Med.	Lg—X-Lg
Cat. No.	C15S	C15L
Price	6.95	6.95

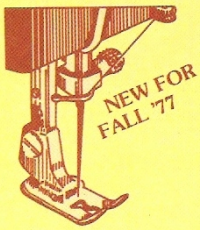
DOWN BOOTIES (B)
Suggested First Time Kit

The answer for cold feet! Cut from Ripstop Nylon and filled with **prime northern goose down.** Wear around the house or in bed. Excellent for **winter camping** when used with our Overboots. For correct fit, measure foot length with socks. X-Small: up to 10", Small: up to 10-1/2", Medium: up to 11", Large: up to 11-1/2", X-Large: up to 12". Weight: 5 oz. (med size). *Color: Medium Blue.*

DOWN BOOTIES (1)

	X-sm	Sm.	Med.	Lg.	X-lg.
Cat. No.	C18C	C18S	C18M	C18L	C18X
Price	6.95	6.95	6.95	6.95	6.95

Because of variations in dye lots, we cannot guarantee a perfect color match with our clothing.



TENDERFOOT (C)

The all-in-one bootie, insulated with prime northern goose down. Upper is cut from Ripstop Nylon. **Three layer construction.** Smooth outer shell covers internal sewn-through construction. Foot is cushioned with 3/8" thick ensolite insole. Naugahyde sole and welt strip look like buckskin suede leather. For correct fit, measure foot length with socks. X-Small: up to 10". Small: up to 10-1/2", Medium: up to 11", Large: up to 11-1/2", X-Large: up to 12". Weight: 10 oz.(med. size). *Color: Medium Blue.*

TENDERFOOT (1)

	x-sm	sm	med	lg	x-lg
Cat. No.	C17C	C17S	C17M	C17L	C17X
Price	11.95	11.95	11.95	11.95	11.95

ANKLETS AND GAITERS
Suggested First Time Kit

The **best design** in leg and boot-top covering. Keeps snow and rocks out of your boots. Cut long in front to protect lacing and held to boot lacing with small hook. Separating zipper in back covered with a wide self-sealing flap. Anklets are 6-1/2" high. Weight: 4 oz. per pair. Gaiters are 16" high. Weight: 8 oz. per pair. Cut from tough **water repellent** Mountain Cloth and lined with Nylon Taffeta, **they "breathe"** (waterproof cloth would be wet inside from condensation). Anklets have elastic at top and bottom. Gaiters have elastic at bottom and ankle, drawstring at top. Replaceable underfoot cord. *Colors: Navy Blue, Spruce Green or Red.*

ANKLETS AND GAITERS (1)

	Weight	Cat. No.	Price
Gaiters	8 oz.	C24	9.95
Anklets	4 oz.	C25	6.95

YOKE PATTERNS

Add a stylish western look to your Backpacker Vest, Crestone, Parsenn, Backpacker Sweater, or Mountain Parka.* Pattern includes all style variations. Select yoke material from your local fabric outlet, or from Raw Materials Section, (p. 35). Order snaps and snap setting tool below, **ONLY IF** you plan to use a **HOOD** with a jacket **AND IF** you want **JACKET COLLAR** material to match **YOKE** material. (Snaps and setting tool not needed for Mountain Parka). **ALL YOKES MUST BE ADDED DURING KIT CONSTRUCTION.**

**We recommend waterproof material for extra protection. If you plan to use hood drawstring on your Mountain Parka, it will be necessary to purchase grommets and setting tool from your local fabric outlet.*

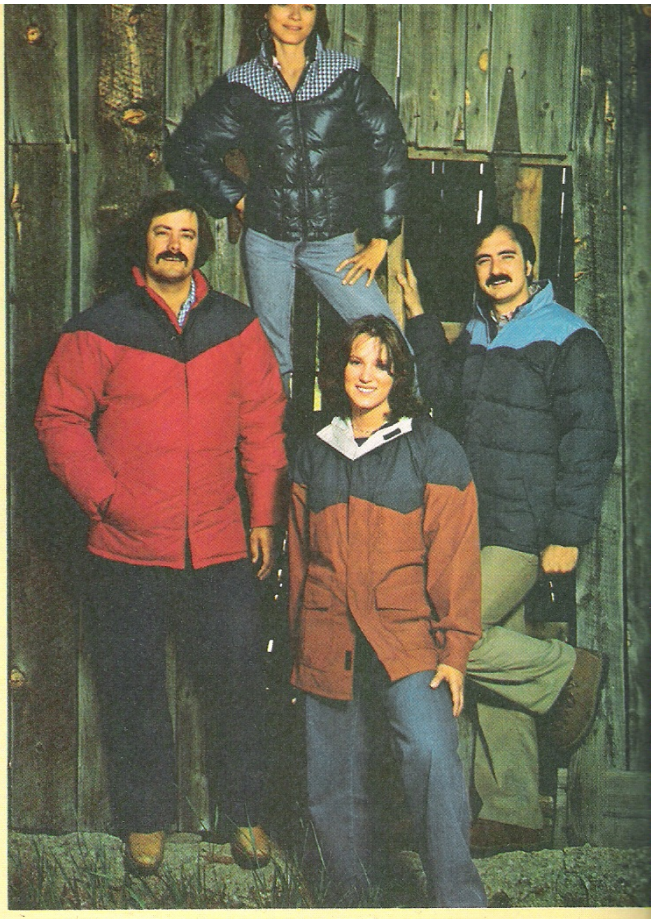
YOKE PATTERN CATALOG NUMBERS

Men's	Ladies'	B.P. Vest	Crestone	Parsenn	Sweater	Mtn. Parka
4-6		C924	C914			
8-10		C928	C918			
12-14		C92C	C91C			
x-sm	sm	C92C	C91C	C94C	C90C	C93C
sm	med	C92S	C91S	C94S	C90S	C93S
med	lg	C92M	C91M	C94M	C90M	C93M
lg	x-lg	C92L	C91L	C94L	C90L	C93L
x-lg		C92X	C91X	C94X	C90X	C93X

PRICE — ALL PATTERNS $1.25

SNAP SETTING TOOL (includes setting tool and size snaps)

Cat No.	M-90
Price	1.00



PERSONAL TOUCH II

Our **new Personal Touch II** is a 64 page, 8-1/2" X 11" color manual that is filled with creative ideas for personalizing your FROSTLINE kit. This is a real "how-to" manual for making decorative, as well as functional, changes in your kit.

The **DECORATIVE** category includes suggestions for the use of **Applique, Yokes, Embroidery, Contrasting Accents, Fur Accents, Styling Options** and **Optional Quilt Patterns.** The **FUNCTIONAL** section tells how to modify **Tents, Jackets** and **Comforters** to suit your special needs. The third section is a complete listing of **RAW MATERIALS** for your convenience. We encourage you to personalize your FROSTLINE kit and make it a one-of-a-kind garment that is as unique as you are! In this mass-produced world of ours, much of what we buy looks like it was stamped out of the same mold. When you create something with your own two hands, you have the opportunity to make something truly special. Our **Personal Touch II** is a fascinating and valuable source of creative ideas that will spark your imagination!

Personal Touch II Cat. No. L-50.
Price: **$2.95 PPd.**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

KITS FOR COMFORTERS

DOWN OR DOWN-FEATHER MIX?

In an effort to combat the skyrocketing price of down, **FROSTLINE now offers an alternative** to "prime northern goose down" in our comforter and pillow kits. Government standards require that insulation labeled **"Down,"** be a mixture of not less than **80% down pods to 20% feathers.** In Europe, birth place of the comforter, the most common down/feather mixture used is **20% down pods to 80% feathers.** We have selected a mixture of **50% down pods to 50% small "down-like" feathers.** The result is a comforter that will keep you just as warm, and is nearly as soft to the touch, as its more expensive counterpart.
Of course, both comforters are backed by the FROSTLINE Unconditional Warranty.

Instructions include six Quilt Pattern Options

COMFORTERS
Suggested First Time Kit

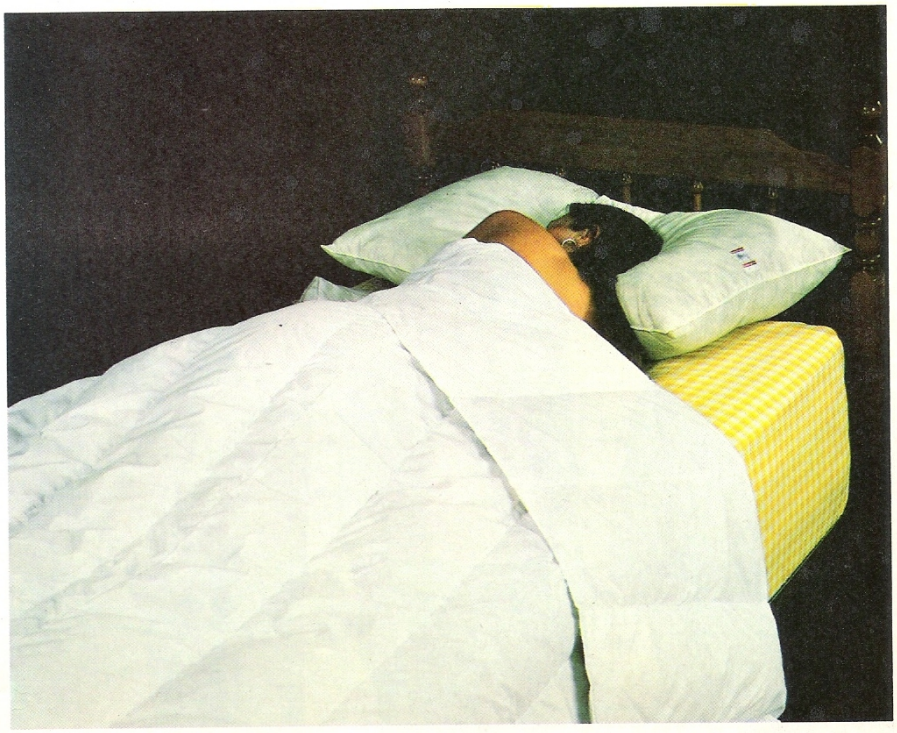
In the FROSTLINE tradition of providing **top quality at a reasonable price,** we offer our popular down comforter kits in white Nylon Taffeta. These kits are **designed to be covered** by you to match your bedroom decor (cover material not included in kit). If you've never slept under a down comforter before, you have missed the luxury of **natural warmth without weight.** Try one and you will never use an electric blanket again! Snowy white, **filled with prime northern goose down or 50/50 down-feather mix,** at your option. Easy to make sewn-through construction. Instructions tell how to make a slip-on cover which can be removed for washing, especially important with a baby comforter. Kit includes white nylon material (pre-cut), all thread, goose down in our unique packets, and easy instructions. Thickness: 1-1/2". Washable. *Color: White.*

COMFORTERS (DOWN)

	Finished Size	Total Weight	Cat. No.	Price
Crib (2)	28" x 40"	11oz.	S01C	16.95
Twin (3)	70" x 80"	2lb. 13oz.	S02T	54.95
Double (4)	80" x 84"	3lb. 11oz.	S03D	66.95
Queen (5)	90" x 94"	4lb. 6oz.	S04Q	83.95
King (5)	98" x 96"	4lb. 13oz.	S05K	91.95

(DOWN/FEATHER MIX)

	Twin (3)	Double (4)	Queen (5)	King (5)
Cat. No.	S07T	S08D	S09Q	S10K
Price	41.95	48.95	63.95	67.95



PILLOWS
Suggested First Time Kit

Snowy white pillows of the same quality and with the same **money-saving value** as our Down Comforters. For the ultimate in **snug softness,** rest your head on a FROSTLINE pillow. Same material and **goose down or 50/50 down-feather mix** as our comforters. Piping around edges. Luxury at an affordable price. Washable. *Color: White.*

PILLOWS (DOWN) (2)

	Baby size	Std. size	King size
Finished size	12" x 18"	20" x 26"	21" x 36"
Total wt.	3 oz.	1 lb.	1 lb. 5 oz.
Cat. No.	S81B	S82S	S83K
Price	6.95	24.95	29.95

DOWN/FEATHER MIX (2)

Cat. No.	S84B	S85S	S86K
Price	4.50	17.50	22.50

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

KITS FOR

CHILD'S CRESTONE (A)

The same features and high quality materials found in our adult size Crestone Jackets (see p. 6). Elastic cuffs are standard but our optional stretch-knit nylon cuffs can be added as needed for fast growing youngsters (order from p. 35). **Order a size for "growing into."** Example: Order an 8-10 for a size 6 child, a size 12-14 for a size 10 child and you can stretch several years' use out of it. It's **washable,** too! Add a stylish western yoke (see p. 18). *Colors: Navy Blue, Medium Blue, Forest Green, Kelly Green or Red.*

CHILD'S CRESTONE (DOWN) (3)

	Size 4-6	Size 8-10
Length	20"	23"
Sleeve	23"	26"
Circf.*	30"	34"
Cat. No.	C284	C288
Price	21.50	25.50
(HOLLOFIL II) (4)		
Cat. No.	C974	C978
Price	16.50	18.50

***See fitting instructions Page 36.**

CHILD'S BACKPACKER VEST (B)

The Child's Backpacker Vest is a "miniature" version of our Adult Backpacker Vest, (see p. 3). Same high quality materials, **insulated with prime northern goose down or DuPont Hollofil™ II,** at your option, for the ultimate in warmth and minimum weight. Insulated cargo style **hand-warmer pockets. Washable** for easy care. Very easy to make. Add a stylish western yoke (e) below, (see p. 18). *Colors: Red, Navy or Denim Blue.*

CHILD'S VEST (DOWN) (2)

	4-6	8-10
Lgth.	16"	18"
Circf.*	32"	35"
Cat. No.	C664	C668
Price	10.95	12.95
(HOLLOFIL II) (2)		
Cat. No.	C874	C878
Price	8.95	9.95

SMALLFRY VEST (C)
Suggested First Time Kit

Our Smallfry was designed for your smallfry. It's insulated with a thick layer of **PolarGuard** (see p. 2). PolarGuard is the synthetic insulator that is quick to dry, resists mildew, is machine washable and non-allergenic. The shell fabric is 1.9 oz. Ripstop Nylon, or 2.5 oz. Denim Blue Chambray Cloth (polyester/nylon blend), the same tough material used in our mountaineering style garments. Front closes with snaps. Pockets and collar are insulated for added warmth. Very easy to make and very easy to care for. *Colors: (Body/Contrasting Yoke and Pockets) Navy/Denim, Denim/Red, Red/Navy.*

SMALLFRY VEST (2)

	4-6	8-10	12-14
Length	16"	18"	20"
Circf.*	31½"	34½"	37½"
Cat. No.	C774	C778	C77C
Price	10.50	11.50	13.50

***See fitting instructions Page 36.**

MOUNTAIN CLOTH CHILD'S CRESTONE (D)

The Child's Crestone Jacket is available with a tough down-proof Mountain Cloth outer shell. A blend of polyester and cotton, it's **abrasion resistant and machine washable.** Lining is easy-to-put-on Nylon Taffeta. *Colors: Red, Navy, Spruce Green or Rust (Rust has Navy lining).*

CHILD'S MTN. CLOTH CRESTONE (DOWN) (3)

Size	4-6	8-10	12-14
Cat. No.	C754	C758	C75C
Price	26.50	30.50	39.50
(HOLLOFIL II) (4)			
Cat. No.	C994	C998	C99C
Price	21.50	23.50	28.95

***See fitting instructions Page 36.**

KID'S STUFF

CHILD'S HOOD

Self-sealing front closure and drawstring around face opening. *Colors: Taffeta: Navy Blue, Medium Blue, Forest Green, Kelly Green or Red. In Mountain Cloth: Red, Navy Blue, Spruce Green or Rust.* **(Rust has Navy Taffeta lining).**

CHILD'S HOOD (1)

	Taffetta	Mtn. Cloth
Cat. No.	C16C	C50C
Price	6.50	7.50

CHILD'S RAIN PARKA

No leaky shoulder seams. The hood has a drawstring and visor to keep rain off the face. Waterproof urethane-coated Nylon. Seam sealer included to waterproof seams. Large front pockets with self-fastening flaps. *Colors: Medium Blue, Red or Bright Yellow.*

CHILD'S RAIN PARKA (2)

	Size 4-6	Size 8-10	Size 12-14
Length	21"	23"	27"
Sleeve	22"	24"	30"
Circf.*	31"	35"	39"
Cat. No.	W154	W158	W15C
Price	9.95	10.50	15.95

***See fitting instructions Page 36.**

CHILD'S PONCHO

A poncho made especially for the child between 48" and 60" tall. Waterproof urethane-coated nylon. Seam sealer for hood and neck seams. Sides snap together. No grommets. The hood has a drawstring and a visor to keep rain off the face. Finished size is 41" x 65". *Colors: Medium Blue, or Bright Yellow.*

CHILD'S PONCHO (1)

Size	41" x 65"
Cat. No.	W13
Price	8.95

KIDDIE CARRIER KITS

Made under exclusive agreement with Gerico, Inc., manufacturers of the famous Gerry Kiddie Carriers. Twenty years of design and engineering have made these child carriers unequalled for safety and comfort.

KIDDIE PACK

The Kiddie Pack is **a true back pack** with a built-in seat for the baby. Seat is adjustable and provides storage area underneath for diapers, blankets, etc. The **patented cantilever aluminum frame** and the backband distribute the baby's weight close to your center of gravity, using the same carrying principles as in backpacking. The pack body is high quality two-ply duck fabric. Adjustable nylon **shoulder straps are foam-padded** for comfort. Seat is equipped with a seat strap for safety. Washable. Instructions for assembly are included with the kit. For children five months to three years. *Color: Blue.*

KIDDIE PACK (3)

Weight	Cat. No.	Price
1lb. 8 oz.	053	16.95

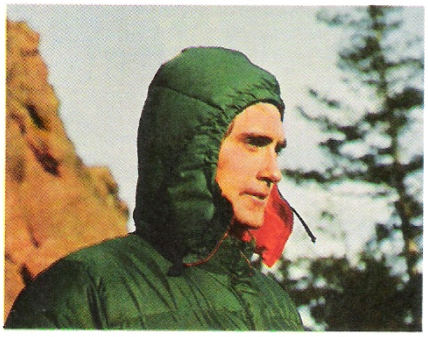
CUDDLER

The Cuddler kit is perfect for young infants. Made of washable duck fabric and features a **special head support** for newborn infants. The Cuddler can be used as a front or back carrier. **Straps are adjustable** for growing babies. Designed for newborn through four months. *Color: Blue with red trim.*

CUDDLER (1)

Weight	Cat. No.	Price
6 oz.	040	8.00

KITS FOR HUNTER'S GEAR



HUNTER'S HOOD

Reversible Blaze Orange/Forest Green. Attaches with self-sealing tabs to Hunter's Crestone. Made of Nylon Taffeta and filled with **prime northern goose down.** Self-sealing front closure and drawstring around face opening. Weight: 3 oz. (med. size).

HUNTER'S DOWN HOOD (1)

	Small-Medium	Large-X-lg.
Cat. No.	C12S	C12L
Price	8.50	8.50

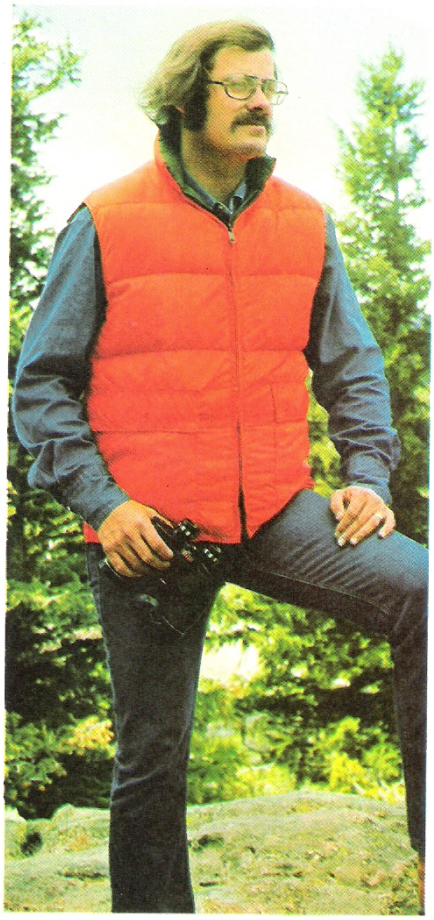
HUNTER'S VEST

Practical insulation to wear under something else or on its own. **Cut long to cover your waist.** Forest Green **reversible** to Blaze Orange **for safety.** Non-insulated patch pockets on both sides. 1-way reversible zipper to base of collar. Both sides are Nylon Taffeta. Quilted-through construction **filled with prime northern goose down.** Fits in a B-46 stuff sack (not included, see p. 34). Average thickness 1". Total Wt. Garment (med. size): Down 13 oz. Fill: Down 4.5 oz. **Does not have hood attachment.**

HUNTER'S DOWN VEST (2)

Men's	sm	med	lg	x-lg
Ladies'	med	lg	x-lg	
Length	26"	28"	30"	32"
Circf.*	41"	45"	49"	53"
Cat. No.	C32S	C32M	C32L	C32X
Price	19.95	19.95	19.95	19.95

***See fitting instructions Page 36.**



HUNTER'S CRESTONE™

Ideal protection for the big game hunter, bicyclist or anyone needing fluorescent safety clothing. Insulated with **prime northern goose down.** It's reversible. Both sides are 100% Nylon Taffeta. **Safe** because when worn **Blaze-Orange** side out it is highly visible at dawn and dusk as well as during the day. Quilted-through construction. Both sides have **insulated pockets** with self-sealing flaps. A two-way reversible zipper runs up into the high, insulated collar and is covered on both sides by an insulated draft flap. Flap is held closed with self-sealing strips. **Tab attachment** at base of collar is included **for attaching optional Hunter's Hood.** Elastic cuffs are standard but nylon stretch-knit cuffs can be added instead (see p. 35 for knit cuffs). Add a Forest Green belt (p. 16) for an extra good-looking coat. Average thickness 1". Total Wt. Garment (med. size): Down 1 lb. 10 oz. Fill: Down 9.5 oz.

HUNTER'S CRESTONE (4)

Men's	sm	med	lg	x-lg
Ladies'	med	lg	x-lg	
Length	28"	30"	32"	34"
Sleeve	33½"	35"	36½"	38"
Circf.*	42"	46"	50"	54"
Cat. No.	C31S	C31M	C31L	C31X
Price	40.50	40.50	40.50	40.50

***See fitting instructions Page 36.**

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

WHAT EVERY SLEEPER SHOULD KNOW ABOUT BAGS.

FROSTLINE offers a greater selection of sleeping bag systems than any other manufacturer of outdoor gear.

The purchase of a sleeping bag that's "right for you" requires careful consideration. We urge you to read the information about each bag and compare.

ABOUT LOFT AND COMFORT RANGE

Loft (usually expressed in inches) refers to the thickness of insulation in a garment or sleeping bag. Comfort range is expressed in degrees Fahrenheit and refers to the temperature span (low to high) for which a product was designed. Since there is no industry standard for arriving at either "loft" or "comfort range" figures, manufacturers are free to take their own approach. For obvious reasons many manufacturers choose to use the maximum loft and comfort range figures possible. At FROSTLINE we have taken the opposite approach. All comfort ranges and loft figures stated in this catalog are extremely conservative and represent **"minimums" NOT "maximums" . . . Our loft figures are arrived at by placing a weighted template on the garment or bag and averaging the high and low points. Many manufacturers do not apply weight** to arrive at their figures, and **simply measure the thickest portion of the garment or bag.** Frequently, this results in a discrepancy between loft and comfort range figures quoted by FROSTLINE and figures found in other catalogs. **Don't be misled!** Our claims are conservative and assure you of **complete safety and comfort** with the use of any FROSTLINE kit.

SLEEPING BAG DESIGN

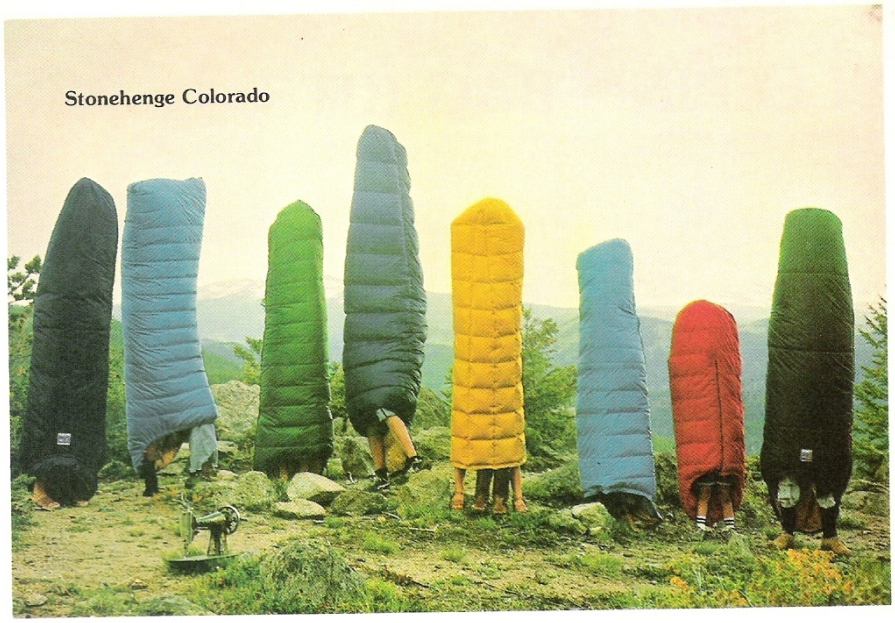
For those of you who are interested in the more technical aspects of our designs, the following is a brief explanation. At FROSTLINE we use four types of internal designs.

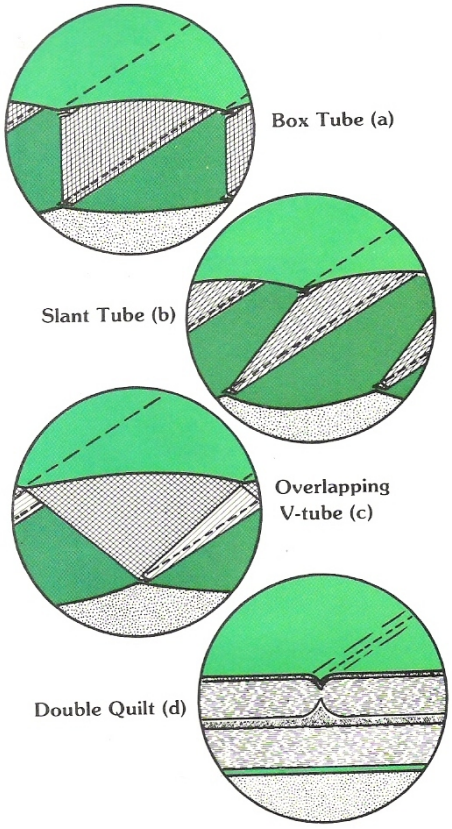
1. Box Tube (a): made by sewing parallel nylon strips between the outside of the bag and the lining. These strips are spaced closely enough to minimize down shift which results in cold spots.

2. Slant-Tube (b): This design allows the down of one compartment to compensate for the thin corners of the next, thus providing a more uniform insulation.

3. Overlapping V-Tube construction (c): It's featured in the Big Horn, our top-of-the-line bag. With this design there is a continuous third layer of stretch nylon alternating between outside and lining. This creates overlapping tubes whose thin sections are backed by the thick sections of another tube providing a perfectly uniform layer of insulation, eliminating cold spots.

4. Double Quilt (d): Used in our **Polar-Guard®** insulated Nimbus Sleeping bag, assures that the thick part of one quilt will back-up the thin part of the other, thus eliminating cold spots.





In addition we use two types of **External Design:**

NON-DIFFERENTIAL CUT: Also called the space-filler cut, produces a bag that has the **same circumference** in both the lining and the outside, as contrasted with a differential cut where the outside is **larger** than the lining. The latter design tends to stand off from the body, creating air spaces which must be heated. The fullness of the lining in the non-differential cut design, nestles into the hollows around the body, eliminating those air spaces and creating a very warm bag.

CONTOUR-DIFFERENTIAL CUT: Used in the Big Horn, our top-of-the-line bag, is a marriage of the differential and non-differential cuts. It tends to combine the best features of both without the heat-wasting characteristics of the plain differential cut. The result is a bag which nestles snugly around your body, yet maintains a **larger outside** circumference, so knees and elbows cannot force the lining against the outside, creating cold spots.

ZIP TOGETHER

All adult FROSTLINE sleeping bags can be made to zip together.

PolarGuard® is a registered trademark of Fiber Industries, Inc. a subsidiary of Celanese Corp.

SLEEPING BAG KITS

BIG HORN

Our top-of-the-line bag. This roomy contour-differentially cut, overlapping V-tube design bag (see p. 23) is a match for any $175+ bag on the market for warmth and durability. This construction is recognized as the **ultimate in controlling down shift** and maintaining a uniform layer of insulation throughout. These features are found only in the most expensive bags. **No sewn-through seams.** The 70″ two-way zipper is insulated by a thick, wide, down-filled flap and can be opened at the foot end to cool your feet on hot nights. The Big Horn will zip to any other adult FROSTLINE sleeping bag to make a roomy double. The hood opens flat or closes tightly with a drawstring. Extremely tough stretch-knit nylon interlining protects seams from strain and close weave prevents migration from tube to tube. Down tubes are blocked opposite the zipper to prevent down shift and are **filled with prime northern goose down.** The internal geometry in the Winter model is enlarged to accommodate more down without compression. The contour-differential cut provides plenty of shoulder and elbow room, yet nestles the bag down around your body to eliminate cold air spaces. The FROSTLINE system of guide marks and **detailed illustrated instructions** takes you step-by-step through the construction of this bag. Made of 1.9 oz. Ripstop Nylon (this bag is not available with a foam bottom). Fits in our Stuff Sack Pack (see p. 31). All-down bags require additional insulation underneath to prevent heat loss to the ground. A foam pad (as shown above) is the best insulator for this purpose (see p. 27 for Foam Pad Kits). *Colors: Navy Blue or Forest Green both with Gold linings.*

For stuff sack, see bag specifications this page.

Hood Drawn Up For Added Warmth

BIG HORN (5)

Specifications	Standard Reg.	Standard Large	Winter Reg.	Winter Large
Inside Circf. shoulder to hip	60″	66″	60″	66″
Inside circf. at foot	38″	38″	38″	38″
chin to foot*	70″	74″	70″	74″
Loft (thickness of down)	6″	6″	7″	7″
Comfort range	10° to 65° F	10° to 65° F	−10° to 60° F	−10° to 60° F
Total weight	4 lb. 6 oz.	5 lb. 1 oz.	4 lb. 11 oz.	5 lb. 5 oz.
Cat. No.	S60S	S61S	S63S	S64S
Price	86.95	96.95	94.95	106.95

*Maximum height for regular 6′1″. Maximum height for large 6′5″.

STUFF SACK

Cat. No.	Colors	Price
B-52	Red or Blue	2.20

SLEEPING BAG LINER

Extend the life of your bag by keeping it clean. Made of ultra-light nylon. Easily removed for washing. Designed for our sleeping bags but **will fit any bag of similar size.** *Color: White only.*

SLEEPING BAG LINERS (1)
Sleeping bag liners (for bags without collars)

	Big Horn	Cougar & Puma	Loafer	Child	Add-On sec.
Weight	6½″	6 oz.	6½ oz.	4½ oz.	1½ oz.
Cat. No.	S46	S48	S50	S52	S54
Price	9.50	9.50	9.50	8.50	3.50

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

DOWN LINER

Designed to fit inside a regular or large sleeping bag to give extra warmth in winter. **Extends comfort range 20°** in most cases. During summer, liner can be used independently as a lightweight sleeper. Drawstring at top to snug liner around shoulders. 36″ zipper on side for easy access. Liner comes in one size only. Made from tough 1.9 oz. Ripstop Nylon and filled with **1 lb. of prime northern goose down.** Simple stitched-through construction. **An easy-to-make addition to your sleeping bag.** Kids will love it for slumber parties. Kit is complete with pre-cut cloth parts, goose down, thread, and illustrated step-by-step instructions. Washable or Dry-Cleanable. For stuff sack, see liner specifications this page. *Color: Gold.*

DOWN LINER (3)

Inside circf. shoulder to hip	56″
Inside circf. at foot	36″
Inside lgth. chin to foot	70″
Loft (thickness of down)	2¾″
Comfort range	40° to 70° F
Total weight	2 lb.
Cat. No.	S95
Price	37.50

STUFF SACK

Cat. No.	Colors	Price
B-49	Red or Blue	1.95

NIMBUS

(PolarGuard® Insulated)

Nimbus clouds are the rain producers, that have dampened the spirits of many a wilderness traveler. The Nimbus was developed to protect you from those cold, restless nights spent in a wet sleeping bag. Made of 1.9 oz. Ripstop Nylon and **filled with 4 layers of 1-1/2″ thick PolarGuard**, which is **quick to dry,** ideal for damp climates and wet conditions. **PolarGuard** is made from continuous polyester filaments. Consequently, only occasional quilting is necessary because long fibers won't shift as down or short fibers sometimes do. **PolarGuard** bags are **washable, resist mildew** and are **non-allergenic.** In the Nimbus, one layer of **PolarGuard** is quilted to the lining and one layer to the outside **(quilt lines are offset)** eliminating any chance of cold spots. Draft collar and hood with drawstring attached at top end of bag reduce cold air at shoulders. Two-way 70″ zipper is blocked by a full length double zipper flap. Bag can be made to zip together with any other adult FROSTLINE sleeping bag. The Nimbus is differentially cut. For stuff sack, see bag specifications this page. *Colors: Navy Blue, or Forest Green, both with Gold linings.*

NIMBUS (6)

	Regular	Large
Inside circf.* shoulder to hip	58″	64″
Inside circf. at foot	40″	47″
Inside length chin to foot	69″	73″
Loft	6″	6″
Total weight	5 lb.	5 lb. 13 oz.
Comfort range	15° to 65° F	15° to 65° F
Cat. No.	S92S	S93S
Price	45.95	49.95

STUFF SACK

Cat. No.	Colors	Price
B-56	Red or Blue	2.60

(◯) FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

COUGAR

The sensible money saver! A paradox: It saves weight by being heavier. Sounds crazy? The Cougar has a **built-in, full-length pad** of shredded foam which means you don't have to carry or buy a separate one. Therefore, the Cougar is heavier than most all-down bags yet lighter than an all-down bag plus a separate foam pad. It's a little bulkier too, but stuffs into our B-56 stuff sack (not included, see bag specifications this page), or our Stuff Sack Pack, p. 31. The foam pad is made of **shredded open-celled polyether** which will not turn to powder or deterioriate due to oxidation or moisture the way some foams will. It won't stiffen or lose resiliency at low temperatures. A built-in pad means you save money by not having to buy expensive goose down for the bottom of the bag. The rest of the bag is filled with our top-grade **prime northern goose down** (on top, where it counts!). Slant-tube baffles of Nylon Taffeta and non-differential cut provide minimum down shift and maximum warmth by squeezing out cold air spaces around the body. A 70" zipper opens at foot end to cool feet and will zip together with any other adult FROSTLINE sleeping bag. Step-by-step fully illustrated instructions. Made of 1.9 oz. Ripstop Nylon. *Colors: Navy Blue, or Forest Green, both with Gold linings.*

COUGAR (7)

Specifications	Standard Reg.	Standard Lg.	Winter Reg.	Winter Lg.
Inside circf. shoulder to hip	54"	60"	54"	60"
Inside circf. at foot	38"	38"	38"	38"
Inside lgth. chin to foot*	69"	73"	69"	73"
Loft (thickness of down)	3"	3"	3½"	3½"
Foam bottom width	22"	24"	22"	24"
Comfort range	15° to 65° F	15° to 65° F	-10° to 65° F	-10° to 65° F
Total weight	5 lb. 10 oz.	6 lb. 3 oz.	5 lb. 15 oz.	6 lb. 8 oz.
Cat. No.	S65S	S66S	S68S	S69S
Price	72.95	77.95	77.95	82.95

*Maximum height for regular 6' 1".
Maximum height for large 6' 5".

STUFF SACK

Cat. No.	Colors	Price
B56	Red or Blue	2.60

PUMA

This popular, **all-down bag** is built from the same pattern as the Cougar. **Lighter and slimmer than the Big Horn.** Internal construction is slant-tube. The baffles are made from light, tough, 100% Nylon Taffeta guaranteed not to rip out if you follow our easy instructions. This **non-differentially cut** bag is easier to make than the Big Horn and the design causes the bag to snuggle down around you, squeezing out potential cold air pockets. The **down tubes are blocked opposite the zipper** to prevent down shift. The 70" zipper opens from the foot for ventilating hot feet. It also matches all our other adult bags to form a roomy double. Behind the zipper there is a wide, thick, down-filled flap running the full length of the bag. The absence of sewn-through seams and careful engineering make this a warm, lightweight bag. The hood can be left flat or drawn up around your face on cold nights. Cut from 1.9 oz. Ripstop Nylon and filled from our unique down packets with **prime northern goose down.** The finest materials **(compare with anything on the market).** For stuff sack, see bag specifications this page. *Colors: Navy Blue, or Forest Green, both with Gold linings.*

PUMA (5)

Specifications	Standard Reg.	Standard Lg.	Winter Reg.	Winter Lg.
Inside circf. shoulder to hip	54"	60"	54"	60"
Inside circf. at foot	38"	38"	38"	38"
Inside lgth. chin to foot*	69"	73"	69"	73"
Loft (thickness of down)	6"	6"	7"	7"
Comfort range	15° to 65° F	15° to 65° F	-10° to 60° F	-10° to 60° F
Total weight	3 lb. 13 oz.	4 lb. 5 oz.	4 lb. 3 oz.	4 lb. 11 oz.
Cat. No.	S70S	S71S	S73S	S74S
Price	81.95	89.95	86.95	94.95

*Maximum height for regular 6'1".
Maximum height for large 6'5".

STUFF SACK

Cat. No.	Colors	Price
B52	Red or Blue	2.20

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

The zippers (one across foot, one 70″ on side) allow the bag to open flat, cool the feet or zip to any other adult FROSTLINE sleeping bag. **Zippers are insulated** by a thick, wide, down-filled flap behind their entire combined lengths. Box-tube, non-differentially cut design combines for excellent insulation and down control. Cut from 1.9 oz. Ripstop Nylon. For stuff sack, see bag specifications this page. *Color: Medium Blue, with Gold lining.*

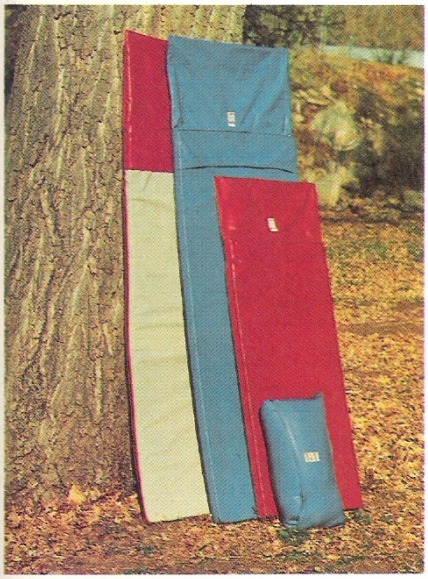
LOAFER SLEEPING BAG (6)

Specifications	
Inside circf.	64″
Inside lgth. chin to foot*	75″ (flat)
Loft (thickness of down)	5″
Comfort range	20° to 65° F
Total weight	5 lb. 2 oz.
Cat. No.	S75S
Price	87.50

*Maximum height 6′3″.

STUFF SACK

Cat. No.	Colors	Price
B-56	Red or Blue	2.60



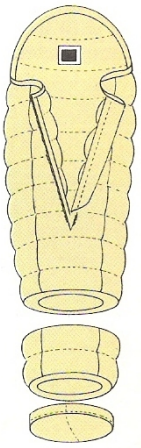
LOAFER®

This all-down bag has a square foot, for those who don't like tapered bags. It will zip open completely flat, to **make a thick comforter for your bed.** In these days of lower thermostat settings, the Loafer will keep you "old-fashioned" toasty warm at home as well as on the trail.

FOAM PADS

The **best insulation** you can put under your sleeping bag. FROSTLINE pads have features most ready-made pads do not. Our large size pad is available with a polyester/cotton blend, **non-skid material** on top. It's breathable to help prevent condensation between your sleeping bag and pad. Other pads are covered top and bottom with waterproof urethane-coated nylon. Polyether foam pad **won't powder or oxidize** with moisture, won't stiffen or lose resiliency at low temperatures. Cover designed as an envelope for easy removal of pad. **Pillow pocket** at head end serves as a "roll into" carrying case or as a pillow filled with clothing. *Colors: Medium Blue or Red. Non-skid Pad in Tan and Red ONLY.*

	Large (4)	Small (3)	Non-Skid (4)
Size	24″ x 54″ x 1½″	20″ x 38″ x 1½″	24″ x 54″ x 1½″
Weight	1lb. 15oz.	1lb. 4oz.	2lbs
Cat. No.	S52L	S52S	S53
Price	10.95	6.50	11.95



CHILD'S ADD-ON BAG

The **unique feature** of this bag is its ability to **"grow"** with your child. When your child is small the basic bag is short and lightweight. When your child outgrows it you **simply "add-on"** one or more twelve inch sections to the foot (see illustration). Filled with the same high quality **prime northern goose down** we use in our adult bags. Made of tough 1.9 oz. Ripstop Nylon with box-tube construction and non-differential cut, this bag will provide maximum utility with minimum weight. Its 30″ zipper is insulated by a thick down-filled flap. Hood will draw up around the face for cold nights. **Also makes a great mountaineering half bag.** For stuff sack, see bag specifications this page. *Color: Red.*

CHILD'S ADD-ON SLEEPING BAG (4)

Specifications	Actual	Effective
Inside circf., shoulder to 2″ below zipper	57″	46″
Inside circf. at foot end	49″	35″
Inside lgth. chin to foot	42″	
Loft (thickness)	5″	
Comfort range	20° to 65° F	
Total weight	2 lb. 10 oz.	
Cat. No.	S25	
Price	54.95	

12″ ADD-ON SECTION (1)

Specifications	Actual	Effective
Inside circf.	49″	35″
Length	12″	
Weight	7 oz.	
Cat. No.	S33	
Price	12.50	

STUFF SACK

Cat. No.	Colors	Price
B-49	Red or Blue	1.95

Because of variations in dye lots, we cannot guarantee a perfect color match with Add-On Sections.

TENT KITS

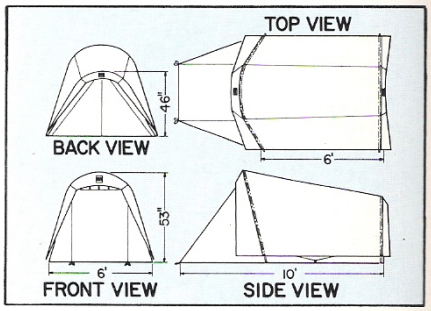
TRAILRIDGE™ TENT

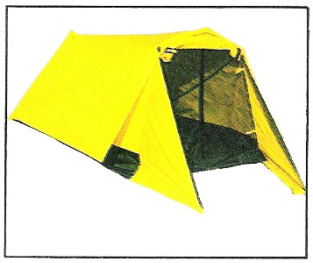
A modified version of the Trailridge Tent was **used on the successful 1976 American Bicentennial Everest Expedition.** Lots of floor space gives ample room for 3 people and their gear or 4 people with gear outside. **Perfect for a family with 2 children.** Waterproof, urethane-coated floor. Front 28" of floor zips back to provide a cooking area. Floor sides extend "bathtub" fashion 10" up each side. **Full size entrance at each end,** both backed up with mosquito netting doors. Total ventilation control with the front vent and both ends opening to any degree. Both front vestibule and entire rear made of waterproof urethane-coated nylon. Tent body is 1.9 oz. Ripstop, breathable to get rid of interior moisture and prevent condensation. **Waterproof rainfly covers entire tent.** Full arched pole set at rear and no guyline at top makes entry and exit unobstructed. No crawling away on all fours at either end to avoid guylines! All tough nylon zippers. **Tent poles are preassembled with elastic cord,** sections can't get mixed up. Kit is complete with all cloth parts, all necessary tools, zippers, thread, step-by-step, fully illustrated instruction book, carrying sack kit, pole sets, guylines and tent pegs. *Colors: Moss Green, Medium Blue or Bright Yellow.*

Note: Our new **Personal Touch II** booklet tells how to modify our tents for expedition use (see p. 18).

TRAILRIDGE TENT (10)

Floor size:	6' x 6' plus 4' long vestibule
Total length:	10'
Height front:	53"
Height rear:	46"
Poles weight:	2 lb.
Fly weight:	1 lb. 12 oz.
Tent weight:	5 lb. 5 oz.
Total weight:	9 lb.
Cat. No.	T50
Price	121.95





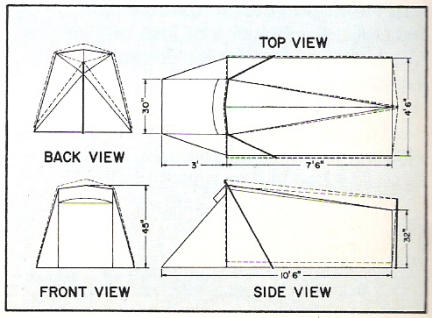
KODIAK TENT

Performance proven in the mountain ranges of North and South America, Europe and East Africa. A modified version of the Kodiak Tent was **used on the successful 1976 American Bicentennial Everest Expedition.** The original no-front-guyline tent. Lots of room for two and their gear. Vestibule can be opened at front or from either side. Also, front can be pitched for shade. Absence of floor in vestibule provides sheltered cooking area. Vestibule and main tent compartment separated by mosquito netting. All zippers are rugged nylon: Two at front corners of vestibule and one at center of front mosquito netting between main tent and vestibule, yield easy access. Two zippers at rear provide a full opening, covered by mosquito netting (no entry), for maximum ventilation. **Upper walls and top** of the tent are permeable 1.9 oz. Ripstop Nylon, allowing the tent to **"breathe"** to reduce condensation. The rainfly, vestibule and rear end are made of waterproof materials. The waterproof floor comes up the side-walls 9" to eliminate floor-wall seam leakage. **Tent poles are preassembled** with elastic cord, sections can't get mixed up. Kit comes complete with tent pegs, carrying sack kit, detailed illustrated instructions, poles and all necessary parts and materials, including thread. *Colors: Moss Green, Medium Blue, or Bright Yellow.*

Note: Replacement Tent Poles, Cross Rod Sections and Carrying Sacks, see Raw Materials, p. 35.

KODIAK TENT (7)

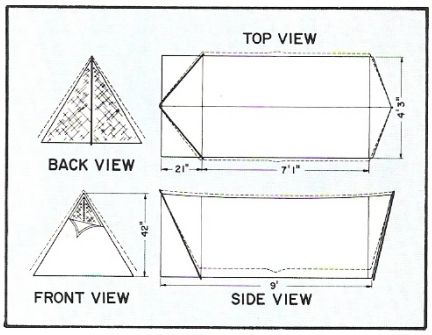
Floor size:	7'6" x 4'6"
Total length:	10'6"
Height front:	45"
Height rear:	32"
Poles, cross rod wt.	1 lb. 3 oz.
Fly weight	1 lb.
Tent weight	4 lb.
Total weight	6 lb. 6 oz.
Cat. No.	T10H
Price	89.50



TENT MATERIAL MEETS INDUSTRY STANDARDS FOR FLAME RETARDANCY

SUN-LITE TENT T.M.

The Sun-Lite is our traditional A-Frame tent with a modern innovation. FROSTLINE's **unique tent design** allows you to pitch this tent with only one guyline at the rear where you won't trip over it. No crawling up to or away from front entrance to avoid the usual guyline. **Entrance is sheltered** with a 21″ overhang, has full mosquito netting door and a waterproof door, both with zippers. **Rear end is waterproof** but zips completely open for maximum ventilation, and is covered by full non-opening mosquito netting. Rugged but lightweight **floor is waterproof;** extends 10″ up each side "bathtub" fashion to avoid leaky floor-wall seams. The tent walls are 1.9 oz. Ripstop Nylon, vapor-permeable to dissipate moisture and prevent condensation. The **rainfly is waterproof** urethane-coated nylon, lightweight and tough, pitches to same stakes as tent with a separation of about 1-1/2″ or can be pitched farther away for greater clearance. (Requires four additional tent pegs, see p. 35). **Comfortable room for 2 people.** Pole Set is pre-assembled with elastic cord so the 20″ sections snap together by themselves. Everything is included in this kit. All pre-cut cloth parts — zippers, webbing, step-by-step illustrated instructions, pole set, tent pegs, carrying sack kit, even thread. *Colors: Moss Green, Medium Blue or Bright Yellow.*

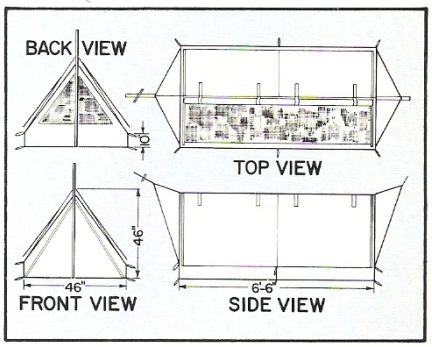


SUN-LITE TENT (6)

Floor size	7'1" x 4'3"
Total length	9'
Height (front)	42"
Height (rear)	42"
Poles wt.	1 lb. 2 oz.
Fly wt.	1 lb. 2 oz.
Tent wt.	3 lb. 10 oz.
Total wt.	5 lb. 14 oz.
Cat. No.	T12H
Price	77.50

SKY-LITE T.M.

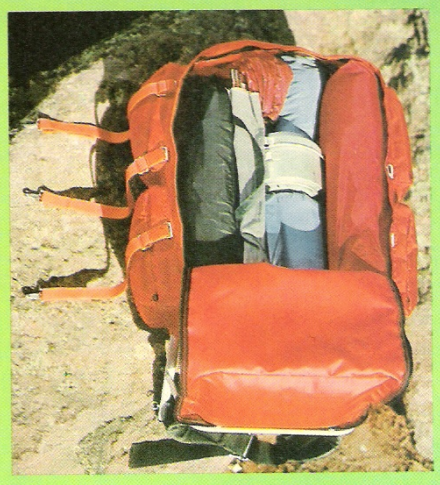
Now you can sleep under the stars without having to share the warmth of your sleeping bag with the creatures of the night! **Mosquito netting side-panels and "roll-up" rain fly** give you an unobstructed view of the stars while allowing enough ventilation for desert camping. **Plenty of room for 2 people.** All tent parts except netting are made of waterproof, urethane-coated nylon. Wraparound "bathtub" floor design eliminates seam along sides, thus providing no place for water to enter. The rain fly can be pitched as a fly or rolled up (on one side or both sides) and fastened at the tent peak with 4 self-sealing "ties." Ridge of fly lowers tightly against tent and zippers seal front and rear for protection in a driving rain. When fly is in raised position, there is a full 3″ of separation between fly and tent. Fly can be pitched farther away for greater ventilation. **Front entrance has full mosquito netting.** Unique 3-way zipper on netting closes tightly to keep bugs out. **Waterproof door** at front closes with 2 coil zippers. Waterproof rear has mosquito netting and storm flap which closes from inside. **Front pole doesn't interfere with entry or exit.** The 10″ side walls provide more room than the traditional A-frame design! **Easier to make than our other tents.** Kit is complete with tent pegs and carrying sack kit. *Color: Medium Blue with Bright Yellow fly ONLY.*



SKY-LITE TENT (5)

Floor size:	46" x 6'6"
Length (peak to peak)	8'11"
Height front	55½"
Height rear	52"
Poles wt.	11 oz.
Tent wt.	4 lb.
Total wt.	4 lb. 11 oz.
Cat. No.	T60
Price	71.50

PACK KITS



HATCH-BACK SACK T.M.

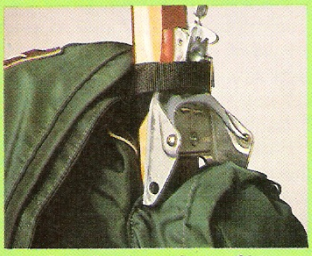
Sack design eliminates opening at the top. Instead, **entire front zips open** for access to any part or all of the contents. Front zippers also open from bottom so you can get to lower part without opening top. **Three adjustable self-adhering cinch straps** allow the pack to be compressed toward the frame as the load diminishes, thereby enabling you to shift the center of gravity closer to your back and/or higher to decrease back pull. **Cinch straps easily unhook** with snap hooks at one end. Four large (9-1/2″ X 7″ X 2″) side pockets have 15-1/2″ **zippers** which **open from top or bottom.** Front pocket measures 12″ X 9-1/2″ X 1-1/2″ and has a double slide zipper. **All zippers covered by wide, waterproof flaps.** Map pocket can be put behind your head or on lower front of pack. This large capacity sack measures 22″ high, 16″ wide and is 9″ thick at top, 9″ at bottom. **Will fit any adult frame up to 16″ wide,** with instructions for custom fitting to frame. **Easier to make** than our two compartment frame sack and carries more. Made of 7.5 oz. urethane-coated Nylon Pack Cloth. *Colors: International Orange or Sage Green.*

HATCH-BACK SACK (3)

Weight	Volume	Cat. No.	Price
1 lb. 12 oz.	3871 cu. in	PO7	24.50

VENTURE PACK

Pack is designed for climbing, ski touring, bicycle touring, or just touring the country! Compare this with any other similar pack, feature for feature, at twice



Side Pockets Carry Skis

the price. Main sack measures 19-1/2″ high by 12″ wide by 7-1/2″ thick, has two 12″ X 5″ X 3″ pockets with 15″ zippers, which open at either end for convenience in

finding your film on the bottom when your mittens are on top. **Pockets easily hold quart bottles.** Top flap measures 13″ X 11″ and is a huge pocket 1-1/2″ thick with a covered zipper at one side. **Includes aluminum "stays,"** which you bend to fit your back. Pack is made of our tough 7.5 oz. waterproof nylon. Outer bottom made of 10 oz. Cordura. **Shoulder straps are foam padded.** Includes ice axe carrier, accessory strap holders on top, bottom and sides, and hauling loop between shoulder straps. Instructions tell you how to make the **side pockets** so you can **carry skis.** Drawstring closure at top with cord clamp. Adjustable waist strap. *Colors: Sage Green, Medium Blue or International Orange, all with Navy Cordura outer bottom.*

VENTURE PACK (3)

Weight	Volume	Cat. No.	Price
2 lb.	2329 cu. in.	P56	23.50

TWO COMPARTMENT FRAME SACK

Sack fits any adult frame up to 16″ wide. **Divided halfway down by a floor.** Lower compartment is accessible through a zipper which goes around the outside of the pack, not just across the front, and can be opened at either end. **Top compartment held open by a spreader bar** and is covered by an extra large flap. Large upper side pockets, (9-1/2″ X 7″ X 2″) with 15″ zippers opening from top or bottom. 12-1/2″ wide X 9-1/2″ X 1-1/2″ front pocket has double-slide zipper. Lower side pockets are 5-1/2″ wide X 7″ X 2″. **Map pocket** can be put behind your head or on lower front. Sack measures 16″ wide, 20-1/2″ high, is 8″ thick at top, 7″ at bottom. Made of tough 7.5 oz. urethane-coated nylon Pack Cloth. *Colors: International Orange or Sage Green.*

TWO COMP. FRAME SACK (3)

Weight	Volume	Cat. No.	Price
1 lb. 11 oz.	3058 cu. in.	PO4	20.95

(3) FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

DAY PACK

For a one-day jaunt, carrying books to school, bicycling, or a climbing excursion, our Day Pack is a natural. Pack measures a full 18″ high and spreads from 8″ wide and 2-3/4″ thick three inches from the peak to 14″ wide and 6-1/2″ thick at the base. **Two roomy compartments** with access through a pair of zippers that open from the center and are covered by wide protective flaps. Pack is made of 7.5 oz. waterproof urethane-coated nylon and features a **double bottom, foam-padded shoulder straps,** ice axe carrier and accessory strap holders for tying accessories on bottom. Waist strap fastened by snap and dee ring. *Colors: International Orange, Medium Blue or Sage Green.*

DAY PACK (2)

Weight	Cat. No.	Price
11 oz.	P02	10.95

STUFF SACK PACK (A)

Sack reverses from rucksack to stuff sack by turning inside out. Wide nylon webbing shoulder straps with adjustable waist strap and pocket under top flap. Made of 7.5 oz. waterproof nylon. Sack measures 9-1/2″ X 7″ X 20-1/2″ tall and is 16″ long. *Colors: International Orange or Sage Green.*

STUFF SACK PACK (2)

Weight	Cat. No.	Price
12 oz.	PO1	8.95

SCOUTABOUT T.M. (B)

Suggested First Time Kit

An inexpensive, easy to make rucksack. Same size and shape as the Venture Pack. Pockets are top loading with generous flaps held closed with self-sealing strips. Single layer top flap. Drawstring closure with cord clamp. **Shoulder straps are foam padded.** Adjustable waist strap. Made of 7.5 oz. waterproof urethane-coated Pack Cloth. An easy 1 or 2 evening kit on your home sewing machine. *Colors: International Orange or Sage Green.*

SCOUTABOUT PACK (2)

Weight	Cat. No.	Price
1 lb.	P65	12.50

COM-PACK AND CORONA FRAME

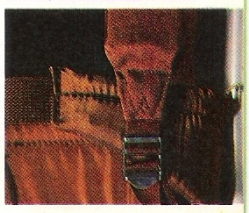
Our most compact frame sack. **Perfect for children and small adults.** Made from 7.5 oz. waterproof nylon Pack Cloth. Two zippered side pockets are big enough to hold quart bottles. **Zippers are covered by waterproof flaps.** Main compartment cinches shut with drawstring (drawstring clamp included). Top flap has **leather accessory strap holders** for carrying a sleeping bag or foam pad. The Com-Pack is a perfect mate for the Camp Trails Corona Frame. The Corona is **ideal for growing children** 7-14 years, as well as **adults short through the torso.** Welded tubular aluminum, the frame is **adjustable** to six different positions over a 4-1/2″ distance. Includes wraparound padded hip belt to distribute the load comfortably between hips and shoulders. Padded shoulder straps allow adjustment while in use. Now you don't have to short-change your kids. Quality equipment for children is hard to find. The Corona frame and Com-Pack sack are adult quality gear available in small sizes. *Sack Color: Medium Blue.*

COM-PACK FRAME SACK (3)

Size	Volume	Weight	Cat. No.	Price
19½″ x 12½″	1934 cu. in.	12 oz.	P-71	10.45

CORONA FRAME (4)

Size	Weight	Cat. No.	Price
24″ x 12½″	1 lb. 10 oz.	P72	18.95



◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

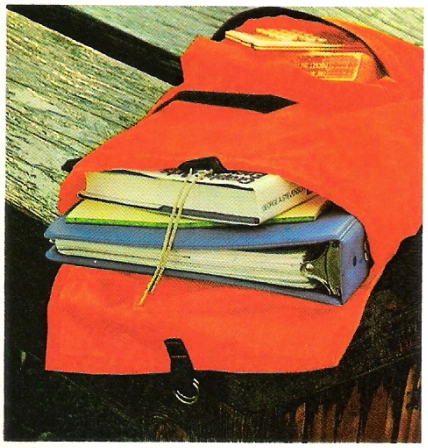
BOOK PACK

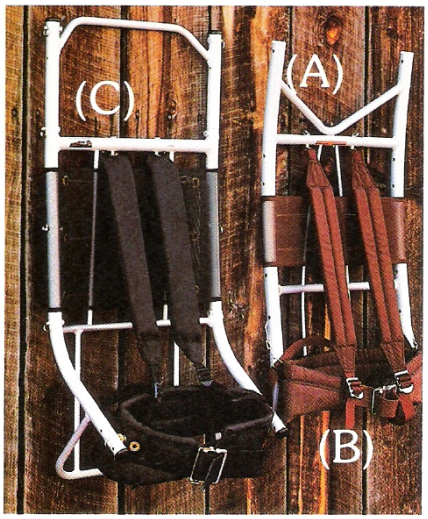
Suggested First Time Kit

The FROSTLINE Book Pack is for elementary to university level students. **Specially designed to carry school materials.** Main compartment will hold a three-ring binder and several books. Front zippered pocket is big enough for a calculator plus a pocket-sized dictionary. Zipper is protected by a waterproof flap. Material is 7.5 oz. nylon Pack Cloth. This tough, **waterproof fabric** will withstand years of rugged use. Main compartment closes with drawstring. Top flap cinches shut with nylon webbing. Wide, adjustable nylon shoulder straps for a **comfortable fit.** Bright color for safety, when walking or riding a bike. *Color: International Orange.*

BOOK PACK (2)

Size	Weight	Cat. No.	Price
15½" x 10" x 3"	7 oz.	P-70	6.95
Pocket 7¾" x 6½" x 1¾"			





ASTRAL CRUISER(A)

Heli-arc welded, drawn tubular aluminum alloy, silver anodized finish and **exclusive "V" bar truss** for maximum strength. Drilled sides for bag mounting, padded nylon shoulder straps adjustable while in place. **Complete with Padded Hip Belt.** Sizes: Medium, for men under 5'7", most women and children under 14 of average size. Large, for men up to 6'2", long-waisted women and children tall for their ages.

ASTRAL CRUISER FRAME (4)

	Medium	Large
Size	27½" x 14½"	31½" x 14½"
Weight	2 lb.	2 lb. 2 oz.
Cat. No.	P51M	P51L
Price	31.50	31.50

PADDED HIP BELT (B)

Shown on Astral Cruiser Frame. Allows transfer of any portion of weight from shoulders to hips, saving energy and reducing fatigue. Quick release buckle. Replaces lower backband on any frame. The following measurements are taken below top of pelvis. *Color: Dark Brown.*

CAMP TRAILS PADDED HIP BELT (1)

	Medium	Large	X-Large
Overall length	44½"	48½"	52½"
Fits pelvis	29" to 35"	33" to 39"	37" to 47"
Weight	6 oz.	6½ oz.	7oz.
Cat. No.	P11	P12	P13
Price	9.95	9.95	9.95

DOGGIE PACK

Pack comes in one size with instructions for altering pocket size and adjusting pack to fit large or medium size dogs. Made of urethane-coated 10 oz. **water-repellent** Cordura. Easily adjusted webbing straps at belly and chest. *Color: Navy Blue.*

DOGGIE PACK (2)

Cat. No. P61 Price 11.95

ALPENLITE FRAME(C)

An accepted concept in frame design. The lower ends of the **side tubes bend forward rather than backwards.** This moves the point of load suspension forward to the center of the hips where it is distributed equally on the hips and the buttocks. Added benefit of design is that **frame is "free standing."** With **"swivel style" Padded Hip Belt,** you no longer have your wind cut off when bending over or sitting down. The Alpenlite is made of high strength 6063-T832 Type 2 aluminum with **heli-arc welds.** Punched side holes for bag mounting. Padded nylon shoulder straps, adjustable while in place. Complete with padded hip belt and clevis pins. To ensure fit, measure your hip width and compare with specifications below. **Alpenlite guarantees every frame to original purchaser and will replace any frame that has failed in use.**

ALPENLITE FRAME (5)

	Small	Med.	Large
Size*	27½" x 14½"	31" x 15½"	32" x 16"
Max. inside hip width	12"	13"	14"
Wt.	2 lb. 3½ oz.	2 lb. 7½ oz.	2 lb. 11½ oz.
Cat. No.	P17	P18	P19
Price	45.00	45.00	45.00

*Frame can be spread 1" larger than this by careful bending.

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

KITS FOR BIKERS

HANDLEBAR BAG (A)

Bag attaches securely to handlebars with nylon straps, but does not interfere with hand placement on the bars. Can be quickly removed from the bike and taken with you. **Fits either drop or upright handlebars** of any adult single or multi-speed bike. Made of 7.5 oz. waterproof, urethane-coated nylon. Zipper runs around sides and back, opens two ways from the middle so you can open the top from your seat on the bike. Front pocket closes with a 10″ zipper. **An important feature** of FROSTLINE kits, both zippers are covered by **waterproof flaps** to keep zippers from leaking in the rain. A map pocket on top of lid has a plastic window. A **stiffening plate** in the back adds support and holds the bag's shape. Has a detachable carrying strap for hand or shoulder. *Colors: Sage Green or International Orange.*

HANDLEBAR BAG (2)

Size	Weight	Cat. No.	Price
11″ x 9″ x 4″	10 oz.	P59	9.95

FREELOADER (B)

For extra cargo space. This carrier is an **extension of the panniers.** Opens completely with a zipper. Has 7″ X 6-1/2″ X 2″ rear pocket. The Freeloader **attaches ONLY to a set of FROSTLINE panniers.** Made of tough waterproof urethane-coated 7.5 oz. nylon Pack Cloth. *Colors: Sage Green or International Orange.*

FREELOADER (2)

Size	Weight	Cat. No.	Price
14″ x 13″ x 8″	12 oz.	P58	8.95

PANNIERS (C)

Our FROSTLINE Bicycle Panniers Kit has a **low center of gravity,** and allows a proper clearance for your heel while pedaling. Our set of two **fit any bike** with a standard bicycle luggage rack. The material is 7.5 oz. **waterproof,** urethane-coated nylon. Each pannier tapers from 13″ long at the top to 11-1/2″ at the bottom, is 12″ high and 5″ thick. There's a 5″ by 2-1/2″ by 9″ back pocket and a 10″ wide by 9″ high by 2″ deep side pocket as well. All the **pockets close with zippers,** covered by waterproof flaps. There's a stiffening plate in the back of each pannier for added rigidity. **Holds shape** so rear corners stay out of wheel spokes. The panniers fasten onto your luggage rack by means of simple hooks and nylon straps. They are designed so that they won't sway, flap or come off on rough gravel roads. Panniers can be carried individually or fastened together and carried by adjustable **detachable carrying straps.** There are also two strap holders on the top of the panniers for additional gear. Comes with everything you need to put them together. *Colors: International Orange or Sage Green.*

BICYCLE PANNIERS (3)

Weight	Cat. No.	Price
1 lb. 12 oz.	P14	24.95

SEAT BAG (D)

Roomier than most, this bag attaches behind any seat by two straps (no luggage rack is required). Additional straps anchor it to the frame to prevent sway, and cinch straps allow compression to keep it compact. Made of tough 7.5 oz. **waterproof** urethane-coated nylon (the same material used in our rugged frame sacks). Easy access by way of a 22″ zipper which opens both ways from the center. The **zipper is protected** by a wide waterproof rain flap. *Colors: Sage Green or International Orange.*

SEAT BAG (2)

Size	Weight	Cat. No.	Price
12″ x 5″ x 7″	7 oz.	P16	7.95

COMMUTER (E)

Great for afternoon rides in the country or commuting to work in the city. **Attaches directly to your luggage rack.** There's plenty of room to carry a lunch or raincoat. Bag opens on 3 sides with a zipper. Made of waterproof 7.5 oz. nylon Pack Cloth. *Colors: Sage Green or International Orange.*

COMMUTER (1)

Size	Weight	Cat. No.	Price
12″ x 5½″ x 5½″	4½ oz.	P57	5.95

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

LUGGAGE KITS

Bags are made of tough, water-repellent Urethane-coated 10 oz. Cordura. Coil zippers can be locked together at center openings (lock not included). Flat outside pockets have self-sealing closures. All bags (except Tote Bag) open completely for packing.

CARRYALL AND HITCHHIKER (A)

Good general purpose duffel bags. Identical features except for size. In an emergency, either can be carried on back by slipping arms through handles. **Entire top opens for easy packing.** Wide flap covers zippers. Two outside pockets are self-fastening. Carryall (large duffel) measures 36″ by 12″ by 12″ and Hitchhiker (small duffel) measures 28″ by 10″ by 8-1/2″. *Colors: Navy Blue, or Sand.*

CARRYALL & HITCHHIKER (3)

	Carryall	Hitchhiker
Weight	2 lbs.	1 lb. 4 oz.
Cat. No.	C55	C56
Price	17.50	13.50

GARMENT CARRIERS (D)

Far superior to the plastic ones normally used, these carriers won't tear easily. They have covered coil zippers. Attractive piping around the edges. Nylon webbing **loop style "handles" on top and bottom.** Carriers can be folded in half and **carried "suitcase fashion"** (see inset). Inside strap at top prevents hangers from slipping inside carrier. The long carrier for dresses and long coats measures 22″ by 53″. The shorter one for men's suits and coats measures 22″ by 40″. You have the option of making either with flat knife edge which will hold 1-2 suits or dresses, or a 3″ deep boxed edge, which holds 5-6 garments. *Colors: Navy Blue, or Sand.*

GARMENT CARRIERS (3)

	Suit	Dress
Weight	1 lb. 8 oz.	2 lbs.
Cat. No.	C58	C59
Price	13.00	15.95

CONVERTIBLE (B)

Same size as OVERNIGHTER but carried upright. **Unique feature** of additional strap which allows it to be **carried on your back,** leaving hands free for other luggage. When not in use, extra straps tuck into outside pockets out of the way. Coil zippers are covered by a wide water-repellent flap. A true "convertible" bag — **either hand luggage or backpack.** Size: 21″ high, 15″ wide, 8″ thick. *Colors: Navy Blue, or Sand.*

CONVERTIBLE (3)

Weight	Cat. No.	Price
1 lb. 10 oz.	C54	15.50

TOTE BAG (C)

Conveniently serves as knitting or diaper bag, or carry a blanket and Thermos bottle to the football game. **Dozens of uses.** Carrying strap adjusts for hand or over-the-shoulder. One outside 10″ by 10″ pocket. Size: 15″ high, 10″ wide, 5″ thick. **Easily stows under airliner seat.** *Colors: Navy Blue, or Sand.*

TOTE BAG (2)

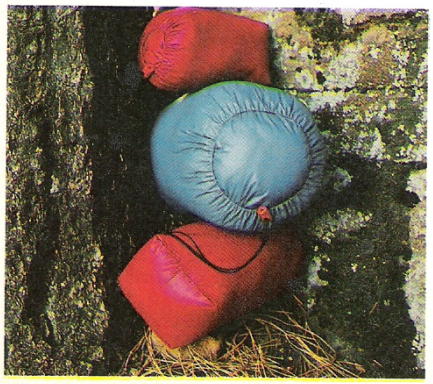
Weight	Cat. No.	Price
12 oz.	C57	8.50

OVERNIGHTER (E)

Styled like a softside suitcase — make it yourself on any home sewing machine. Rugged and **easy to clean**; packs into very little space when empty. 15″ high, 21″ long, 8″ wide. Wide flap covers zipper. Two flat 10″ by 12″ pockets on outside. Attractively styled with black handles and piped seams. *Colors: Navy Blue, or Sand.*

OVERNIGHTER (3)

Weight	Cat. No.	Price
1 lb. 7 oz.	C53	14.50



STUFF SACKS

New square bottom stuff sacks are easier to make. FROSTLINE stuff sacks are made of the same **waterproof,** urethane -coated nylon as our poncho and rain gear kits. They are lightweight and tough. Sacks have square bottoms and a square weather flap to seal the hole at the drawstring. Simple to make, easy directions. See recommendations for sizes in individual sleeping bag and clothing descriptions. Sacks shown with drawstring clamps not included, see Raw Materials (p. 35). *Colors: Medium Blue or Red.*

STUFF SACKS (½)

Cat. No.	Size	Weight	Price
B-46	4″ x 4″ x 9½″	.3 oz.	1.25
B-47	4½″ x 4¾″ x 12″	.75 oz.	1.40
B-48	5½″ x 5½″ x 12¾″	1 oz.	1.55
B-49	7¾″ x 7″ x 13¼″	1.5 oz.	1.95
B-52	8″ x 9″ x 17¾″	2 oz.	2.20
B-56	8½″ x 8½″ x 21½″	2.5 oz.	2.60

◯ FIGURE IN CIRCLE IS SHIPPING WEIGHT IN POUNDS.

RAW MATERIALS

SHOULD YOU NEED AN ITEM NOT FOUND ON THIS PAGE, SUCH AS BUCKLES, GROMMETS, SNAPS, ETC., JUST WRITE FOR OUR COMPLETE LIST OF RAW MATERIALS. IT'S AVAILABLE AT NO CHARGE. Note: Replacement zippers, both YKK and Talon, can be purchased from FROSTLINE and are included in the supplementary list mentioned above. We believe these to be the finest quality zippers manufactured for outerwear. (FROSTLINE cannot refund purchase price or exchange materials which have been cut to order. Also, we reserve the right to limit large orders if they will adversely affect our stock).

SELF-ADHERING TAPE: This is the nylon tape material (hook and pile) that sticks to itself like cockle-burrs on a wool sock. Available in two widths: 5/8" and 1". Colors: Navy Blue, Medium Blue, Forest Green, Moss Green, Kelly Green, Bright Yellow, Rust, Beige, Red, and Orange. 5/8" width: Catalog No. M60T. Price: .85/ft. 1" width: Catalog No. M62T. Price: 1.05/ft. Rust and Beige not available in 1" width.

SEAM SEALER: Used for coating seams on Urethane-coated Nylon material. 1 oz. Catalog No. M-50. Price: .75.

Venture Pack. 10 oz. per square yard. 44" wide. Urethane-coated on one side. Colors: Navy Blue, and Sand. Catalog No. M-54C. Price: 5.00/yd.

NYLON TAFFETA: 100% Nylon. 2.4 oz. per square yard. 44-45" wide. Down-proof, wind-proof, and water-repellent. Colors: Navy Blue, Medium Blue, Forest Green, Kelly Green, Spruce Green, Red, White, Rust, and Blaze Orange. Catalog No. M-81C. Price: 2.60/yd.

MOUNTAIN CLOTH: A blend of polyester and cotton. Water-repellent but not water-proof. Washable. 6 oz. per square yard. 44" wide. Colors: Navy Blue, Spruce Green, Rust or Red. Catalog No. M-55C. Price: 5.35/yd.

URETHANE-COATED NYLON: Waterproof nylon used in Rain Parkas and Ponchos. 3 oz. per square yard. 44-45" wide. Colors: Medium Blue, Moss Green, Red and Bright Yellow. Catalog No. M-82C. Price: 3.05/yd.

NYLON PACK CLOTH: Waterproof Nylon. Urethane-coated on one side. We use it in all our pack kits. 7.5 oz. per square yard. 44-45" wide. Colors: Sage Green, Medium Blue or International Orange. Catalog No. M-85C. Price: 3.90/yd.

CHAMBRAY: A blend of polyester and nylon. 2.5 oz. per square yard. 44-45" wide. Down-proof, wind-proof and water-repellent. Color: Denim Blue. Catalog No. M-87C. Price: 3.85/yd.

DEEP PILE "FUR": Makes a very warm coat lining or attractive trim for parka hood, cuffs and bottom. An Orlon acrylic, 60" wide. Dry cleanable. Washable in COLD WATER ONLY. DO NOT DRY IN DRYER. 2 lbs. 2-1/2 oz. per yard. Three colors: Beige, White or Silver grey. Catalog No. M-53C. Price: .25/in. full 60" wide. MINIMUM ORDER 6 INCHES.

LEATHER-LIKE ACRYLIC: 100% Acrylic outer surface, with polyester/cotton blend backing. 7.8 oz. per square yard. Machine washable. Color: Tan. Catalog No. M-88C. Price: 8.75/yd.

NYLON KNIT CUFFS: 100% stretch-knit nylon. Won't stretch out of shape wet or dry. 1/2 oz. per pair. Colors: Navy Blue, Medium Blue, Forest Green, Kelly Green, Red, Rust and Yellow. Catalog No. M-64T. Price: 1.00/pr.

ZIPPER REPAIR/SHORTENING KIT: For replacing broken slides or shortening our YKK 1-way or 2-way separating zippers. Not for pocket, pack or sleeping bag nor for reversible zippers. Kit contains top and bottom sliders. 6 top-stops and instructions for shortening zipper. Color: Black. Pliers will be required to alter zipper. Catalog No. M-29Z. Price: 1.00.

TENT PEGS: Twisted square section, high strength aluminum with hooks on top. Length: 7". Weight: 3/4 oz. each. Catalog No. T-22. Price: .25 ea.

TENT POLE SETS: Includes Pole Joint Connectors.

TENT POLE SETS ②

	Sky-Lite	Trailridge	Kodiak	Sun-Lite
Weight	11 oz.	1 lb. 15 oz.	1 lb. 3 oz.	1 lb. 2 oz.
Cat. No.	T56	T54	T25	T26
Price	7.50	15.00	12.00	10.00

REPLACEMENT POLE AND CROSS ROD SECTIONS: Name tent and describe section completely. Send sketch with all dimensions. Describe ends (fixed in place, loose, open, swedged, drilled, plugged, spiked, etc.)

REPLACEMENT POLE SECTIONS
Cat. No. T28P Price .75
REPLACEMENT ROD SECTION
Cat. No. T29R Price .75

TENT CARRYING SACK: Made of water-proof, urethane-coated tent flooring material. Color: Charcoal Green.

TENT CARRYING SACKS

	Large	Small
Size flat	13" X 23-1/2"	10" X 23"
Dia. & size full	8" (dia.) X 21"	7" (dia.) X 20"
Weight	4 oz.	2-3/4 oz.
Cat. No.	T19	T16
Price	3.95	3.95

DRAWSTRING CLAMP: (All of our sleeping bags come with one). 5/8" diameter by 1" long. Catalog No. M-67. Weight: 1/8 oz. Price: .35.

THREAD: Our tough Polyester thread. 125 yard spools. Colors: Medium Blue, Navy Blue, Forest Green, Moss Green, Kelly Green, Red, Yellow, Orange, Rust and Gold. Catalog No. M-40T. Price: .30.

NYLON RIPSTOP: Lightweight, wind-proof, down-proof and water-repellent. 1.9 oz. per square yard. 44-45" wide. Colors: Navy blue, Medium Blue, Forest Green, Moss Green, Kelly Green, Bright Yellow, Red, or Gold. Catalog No. M-80C. Price: 2.60/yd.

CORDURA: Water-repellent fabric used in our luggage, and on the bottom of our

TENT FLOOR HEAVY DUTY: Super Urethane-coated Nylon. Tough, waterproof. 3-3/4 oz. per square yard. 44-45" wide. Color: Charcoal Green. Catalog No. M-84C. Price: 2.85/yd.

ARTIFICIAL SHEARLING LAMBS WOOL: 100% Polyester. Washable, non-allergenic. 60" wide, 23 oz. per yard. Color: off-white. Catalog No. M-52C. Price: 6.00/yd.

ARTIFICIAL ARCTIC WOLF FUR: Looks great around the face opening of a parka hood. Sewn in a face tunnel, it entraps warm air near the face. Made of acrylic. Dry cleanable. Washable in COLD WATER ONLY. DO NOT DRY IN DRYER. 60" wide. Catalog No. M-51C. Price: .35/in. across full 60" width. MINIMUM ORDER 6 INCHES.

PRE-PACKAGED DOWN: This is the top-grade prime northern goose down used in our kits. Packaged in our unique Down Packets, ready to be used.

Cat. No.	Amount of down	Packet Number	Packet Cost
M-04G	1/4 oz.	# 4	$.90
M-08G	1/2 oz.	# 8	1.45
M-12G	3/4 oz.	#12	2.00
M-16G	1 oz.	#16	2.60
M-24G	1-1/2 oz.	#24	3.75

Note: We cannot package your old down in our down packets.

None of our down-filled garments or sleeping bags is available without down.

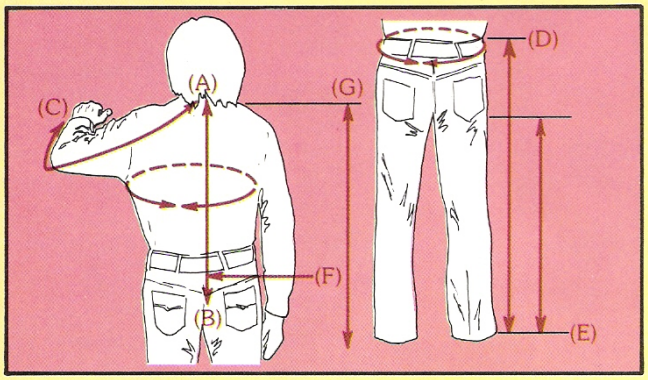
MEASURING & ORDERING

FROSTLINE KITS can have sleeve and body length shortened during construction.

JACKETS and VESTS:

CIRCUMFERENCE: To determine circumference, measure yourself at LARGEST part of body, either chest or hips. For Condor, Cobra, Down Shirt, Bushwhacker, Weatherwatcher, Mariah, and Niagara **add 4″ to 6″** to circumference, depending on tightness of fit desired. FOR ALL OTHER JACKETS AND VESTS **add 6″ to 8″.**

LENGTH: Measure from the base of neck (a) to bottom (b). For Condor, Cobra, Bushwhacker, and Aztec measure length from base of neck (a) to just below waist (f). For SLEEVE LENGTH measure from base of neck (a) around bent elbow to wrist (c).



BIB OVERALLS: Measure largest part of chest and hips to determine circumference. Measure from crotch (h) to desired length (e) to determine inseam measurement. For total length measure from highest point of shoulder (g) to desired length (e).

PANTS: Measure largest part of body, either waist or hip, to determine circumference. For outseam measure from waist (d) to desired length (e).

ACCESSORIES: Measure hand from end of longest finger to wrist for Ski and Mountain Mitts. To determine size of Tenderfoot, Booties and Overboots, measure foot with sock from toe to heel while standing.

PHONE ORDERS SAVE TIME

You may charge your purchase with Visa or Master Charge by phone. Prepare your order before calling. You may place your order Monday thru Friday, 8:00 a.m.-5:30 p.m. (Mountain Time). **Dial direct 1-303-451-5600.** Please, no collect calls. Orders may be placed during non-business hours, and will be automatically recorded, then processed the next business day.

T-SHIRTS

For children and adults. 100% cotton T-shirts with the "Get Your Kit Together" hiker on the front. Functional, fun and reasonably priced.

T-SHIRTS - CHILD'S (1)

	Cat. No.	Price
4	C604	2.75
8	C608	2.75
12	C602	2.75
16	C60C	2.75

ADULTS (1)

	Cat. No.	Price
Small	C60S	3.50
Med.	C60M	3.50
Large	C60L	3.50
X-lg.	C60X	3.50

SERVICE

Problems? If you mail your order and hear nothing from us within three weeks, write us. Something has gone wrong. Your order has probably been lost in the mail coming or going, or something else unintentional has happened to it. Remember that FROSTLINE will never intentionally delay your order or delay telling you of its status. Our business depends on quality and service, and we will do our best to honestly provide you with both.

Customer Service Representative. If you have any problems or questions regarding your FROSTLINE order or construction of your kit, our Customer Service Representative is on duty **Monday through Friday from 8:00 a.m. to 5:30 p.m. (Mountain Time).** Write any inquiries in care of Customer Service. Please include invoice number with all correspondence. Or call **(1-303-451-5600)** during working hours. Please, no collect calls.

CUSTOM WORK

We don't do any. Sorry, but time does not permit us to make alterations or variations of our kits, nor can we custom make kits for you.

SURFACE DELIVERY:

SHIPPING CHARGES

Order in $	Postage, Handling and Insurance
less than $5.00	**$1.20**
$5.01-$15.00	**$1.60**
$15.01-$30.00	**$2.00**
$30.01-$50.00	**$2.35**
$50.01-$90.00	**$2.90**
greater than $90.01	**$3.60**

AIR DELIVERY:

For delivery by Air within the U.S.A., add $.75 per pound to the above shipping charges. The shipping weight in pounds (example (2)) is listed with product descriptions throughout our catalog.

CANADIAN SHIPMENTS:

Parcel Post: $1.75 first 2 lbs. Each additional or fraction of a pound is $.50.

Air Mail: $.17 for first ounce and $.15 each additional ounce (first class).

Customs Duty: There is a Canadian customs duty. This will have to be paid by you upon receipt of your FROSTLINE kit.

Sorry, no C.O.D.'s.

TO RETURN MERCHANDISE:

Should you wish to return or exchange merchandise, please ENCLOSE **proof of purchase,** such as an INVOICE number from a packing slip or an INVOICE number stamped on your cancelled check. Include a note inside the box explaining why you are returning it. BOX securely. INSURE package. Refunds will take approximately two weeks.

THE FACT BOOK

This is our booklet covering the specifics of five separate topics: Fabrics, Internal Design, Insulation, Sewing Tips, and Backpacking. Cat. No. L-60 Price: 1.25 Ppd.

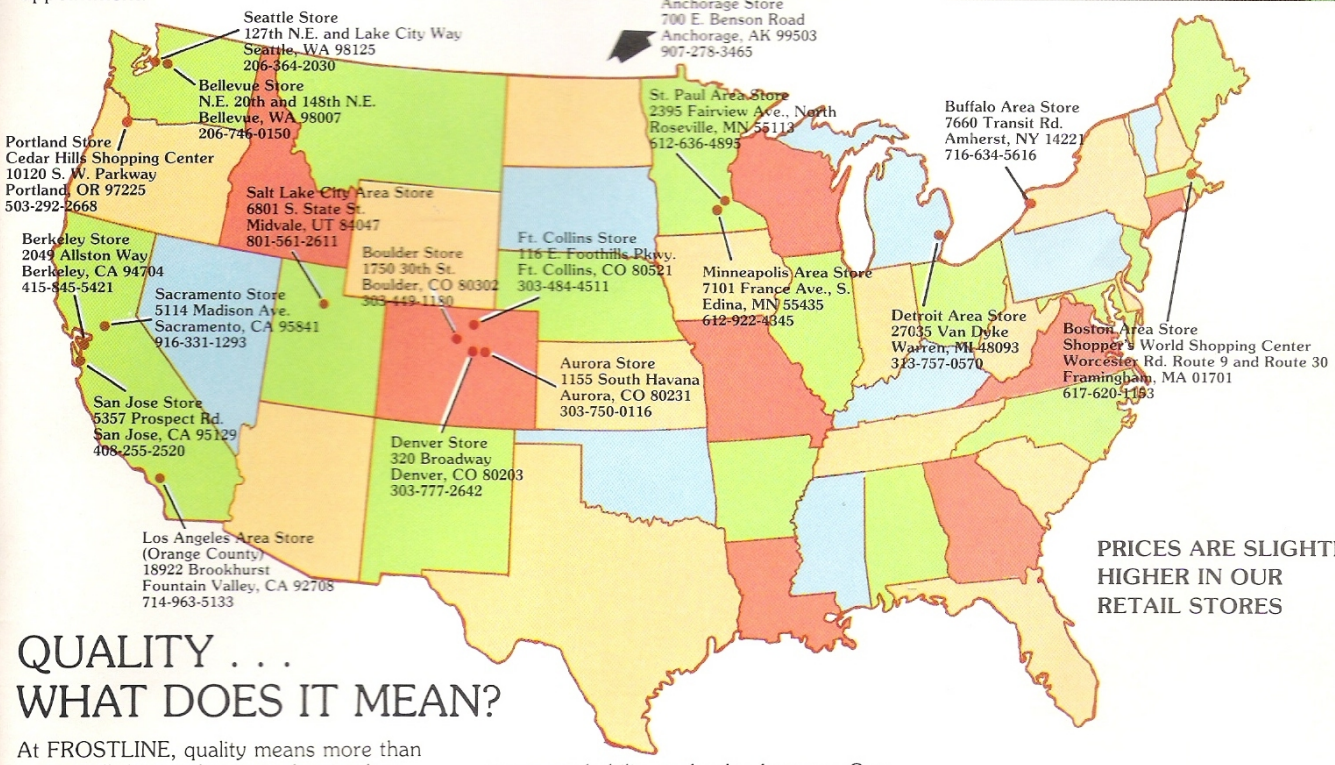
YOU CAN VISIT FROSTLINE'S FACTORY

We would be proud to have you visit us in our new manufacturing facility, located at 12376 FROSTLINE Circle, Thornton, Colorado (near the intersection of I-25 and 120th St.), just a few minutes north of Denver. We conduct tours between the hours of 9:00 a.m. and noon and between 2:00 and 3:00 p.m. weekdays except Fridays and holidays. Groups larger than five, please call **1-303-451-5600** for an appointment. School groups welcome by appointment.

OUR STORES

We invite you to visit our unique stores where samples of all kits are made up so you can see what a finished kit looks like. Each store has a complete sewing center where we conduct sewing classes and assist customers with sewing problems. Our stores have one primary purpose . . . providing the very best customer service.

***NOTE: Stores are not equipped to handle MAIL ORDERS; please forward all MAIL ORDERS to FROSTLINE KITS, FROSTLINE Circle, Denver, Colorado, 80241.**



PRICES ARE SLIGHTLY HIGHER IN OUR RETAIL STORES

QUALITY . . . WHAT DOES IT MEAN?

At FROSTLINE, quality means more than just a well designed tent or sleeping bag. **It's a philosophy. A way of doing business.** It means you can be sure of getting the finest fabrics and insulation available. You can count on courteous, well informed Customer Service Representatives to assist you with any questions you may have. We'd like to take this opportunity to introduce you to our Quality Assurance and Customer Service Departments.

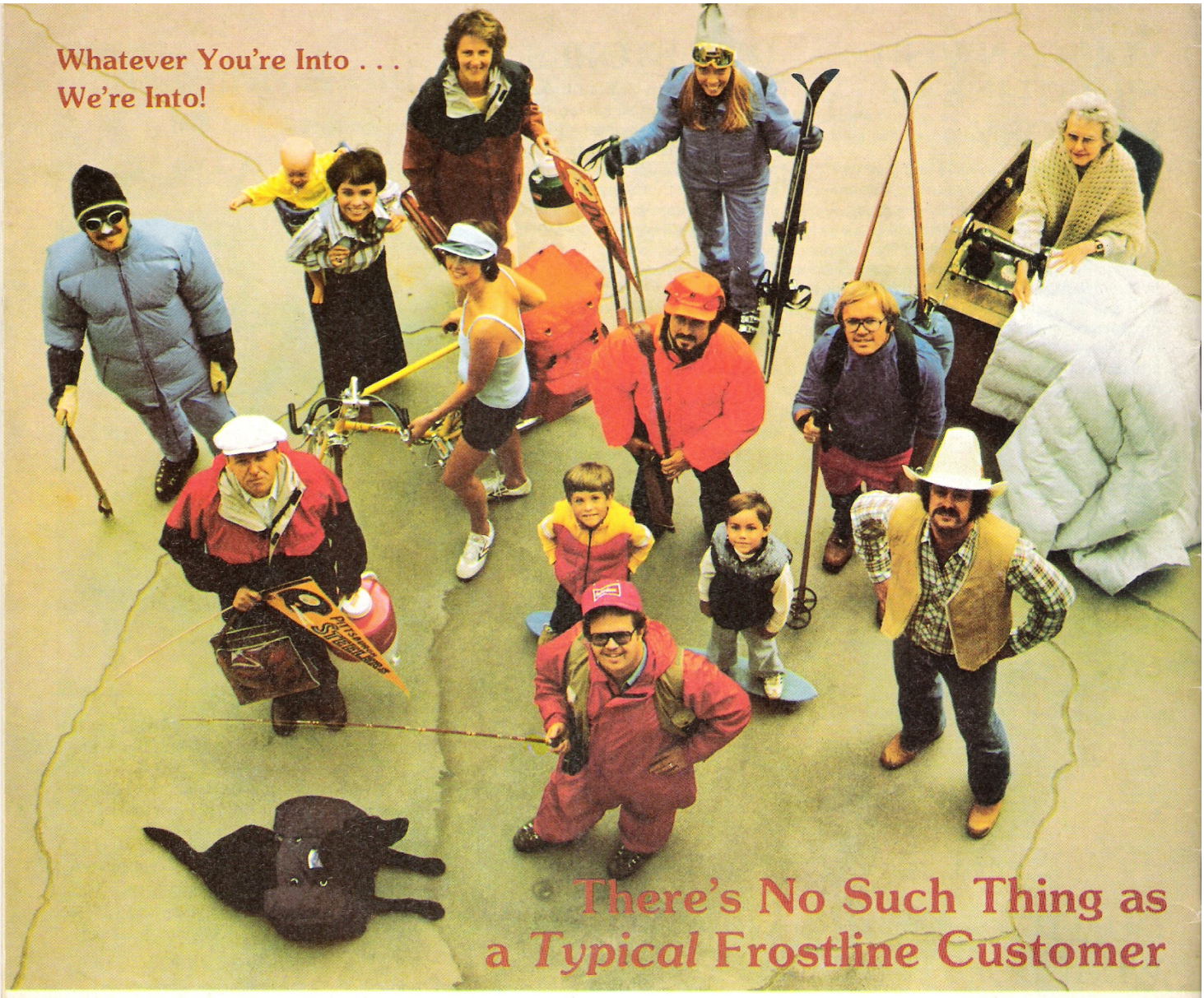
QUALITY ASSURANCE

To assure you of high quality fabrics and insulations, a wide variety of tests are performed at FROSTLINE. Down is tested for composition, fill power, recovery after compression, cleanliness and moisture content. Fabrics are checked for flaws and tested for weight, down proofness, water repellency and/or water proofness, thread count, washability and color fastness. Our tent material is also tested for flame retardency. FROSTLINE kits are made from the finest materials available.

CUSTOMER SERVICE

Our representatives are experts on kits. **If you have a problem, they can help you.** Write any inquiries in care of Customer Service. Please include invoice number with all correspondence. Or Call **1-303-451-5600** Monday through Friday from 8:00 a.m. to 5:30 p.m. (Mountain Time). Please, no collect calls.

We welcome your suggestions for design changes and instruction changes. Our business depends on quality and service. We will do our best to honestly provide you with both.



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